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LAMPS SEAS SIMULATION SOFTWARE SUPPORT. APPENDIX I.(U)
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LAMPS SEAS

SIMULATION SOFTWARE SUPPORT

APPENDIX I

FINAL REPORT

CDRL ITEM #A004

Task Order No. 55

Contract N62269-75-C-0001

DDC OCT 6 1978

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Appendix I consists of the progra in support of the LAMPS SEAS Prog	m listings for t	he software routines written

APPENDIX I

PROGRAM LISTINGS

CONVERTER MULTIPLEXER MODULE

(CMUX)

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OO 20 K-11024  INSERT ZERO VALUE  KSORUF(K) = 0  KATORUF(K) = 0  KATORUF(K) = 0  CONTINUE  ENDDO  ZERO THE MUX ALTERNATE INPUT BUFFER  DOWHILE ALTERNATE BUFFER NCT INITALIZE  DO 30 K-1.256  INSERT ZERO VALUE  MUXARUF(K) = 0  30 CONTINUE	2	22
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140	C ATO STICK VOLTAGES - X=4.992. Y=2.496	× CXC	16	
	STKATO(1) = 4.992	MUXE	77	
	967.2 =	MUXE	7.8	
	C SO STICK VOLTAGES - X=1.248, V=6.624	FUXB	52	
	STKSO(1) = 1.248	MUXU	80	
45	STKSC(2) = 0.624	U X 2	91	
	C ZERO DATA AVAILABLE WORDS	MCXC	2	
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	PRINT 200	PLXT	400	
6.0	200 FORMAT (*1*, 10 (*-*), *	FUXU	95	
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	UXIBUF(1) = 54003	2 :	0 0	
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165	C 2. IULE PERIOU PRINTON = .FALSE.	Z X	0 4 4	

170 C CONTINUE J = J + J EXECUTE CHUX  YEARUTE CHUX  YEA		× 2 × 2	102
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IF ( SHITT (MUXTBUF(1) .ED  IF ( SHITT (MUXTBUF(1) .ED  ENDOD  PRINT 220, JU (***).15,*  3. TVANSMIT *PIT* STATUS  HUXIBUF(1) = 56102B  COLL XCMUX  CONTINITALIZATION SEQUENCE  CONTINITALIZATION SEQU		LXTZ	108
F ( SHIFT(MUXTRUF( C ENDO)	6 1 60 70 21	LXDX	109
C ENDOO PRINT 200, J 220 FORMAT(***, 20(****).15, ** 3. TRANSMIT **** 11	17. (6-05.	JXT	110
PRINTON = .TRUE.  PRINT 220, J 220 FORMAT(#0*, 20 (***)*15, **  MUXIBUE(1) = 561028  GALL XCMUX  C		LXIX	111
220 FORMAT(*0*, 20(*-*), 15, * 3, TVANSMIT *811* STATUS  MUXIBUF(1) = 561028  CC		TXOW	112
220 FORMAT(*0*, 20 (*-*), 15, *  3. TRANSMIT *81T* STATUS  MUXIBUF(1) = 561028  CONTINITALIZATION SEQUENCE  CONTINITALIZATION SEGUENCE  CONTIN		PCX C	113
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	IF ( K1 .NE. 1 ) GC TO	MUXI	308
		₹ LXC	307
	C PRINT HEADINGS FOR NEW VALUES	LXDX	60 (M)
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	305 FOURTH (+) CHANGES IN ALTERNALE BUFFER+	⊒ X D →	310
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C CALL CMUX1  C RINT CHANGES TO HOLLING BUFFER  C K1 = 1  C DOUNTIL HOLDING BUFFER EXHAUSTED  OO 310 K1. = 1  THE HOLDING BUFFER HAS CHANGED  IF THE HOLDING BUFFER HAS CHANGED  C CALL EXPANDITE HOLDING HAS CHANGED  C CALL EXPANDITE HOLDING HAS CHANGED  C CONTINUE  C CONTINUE  C EXECUTE THE CHUXZ MODULE  C FARCOLE LIT, S ) GC TO 300  C FARCOLE LIT CHUXZ MODULE  C FARCOLE HAS CHUREN  C FARCOLE LIT CHUXZ MODULE  C FARCOLE LIT CHUXZ	EXOX.	34.34
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-	233		INTEGER	ARRAY	DEFAULT	4	45			
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	3633		INTEGER	ARRAY	11	4	63			
	10		INTEGER		TACFLES	u	69			
	3702		INTEGER	ARRAY	11	4	63			
:	367	NSECS	INTEGER		11	L	3.4			
-	5636		INTEGER		11	4	81			
,	194		INTEGER	AFRAY		u	30	141	DEFINED	104
	1467		INTEGER	ARSAY		L	32	274	CERINED	106
-	1367		INTEGER	AFRAY		LL.	17	182	DEFINED	40.0
1	3467		INTEGER	AFRAY		L	32	274	DEFINED	106
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3	3796		REAL	AFRAY	11	4	63			
2	11150		REAL		`	L	81			
	113	SCT	REAL	APRAY	DEFAULT	L	45			
-1	2243		REAL		11	4	52			
	4537		REAL	ARRAY	11	EL.	7.1			
1	232		PEAL	ARRAY	11	L	400			
-1	174	SHIPNAV	REAL	ARRAY	11	L	34			
,	5434		REAL		,,	L	52			
	2445	SIG	REAL	AFRAY	' '	L	81			
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Table   Tabl	FLC 22 SOTT (11) 72 NOT (12) 72 NOT (13) 150
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PAGE 78/06/12. 15.45.55. COMPASS - VER 2. PINARY CONTROL CAPDS. XOX 0 IONI ENTRY FOINTS. 0 XOR LENGTH XOR STORAC LLOCATION. ADDRESS

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BAGE 78/06/12. 15.45.55. COMPASS - VEP 2. 80/2 2/03 1 2/02 E PRCGRAM\* SYMBOL REFERENCE TABLE. X0X

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### STACT			-	CMU X1	, ra ,	
### STREET #### STREET #### STREET ##################################		DATE OF COLO		CHONI	J U	
C CODING MANDER DECESES ALL AVE CONMANDS TO THE CHUX,  BULLOS A HOLDING BUREFE FOR ALL DATA TRANSFESS AND FLAGS  GULLOS A HOLDING BUREFE FOR ALL DATA TRANSFESS AND FLAGS  COLING HISTORY  1. PROGRAMMEN—ALEY PODLECKI 12/28/77  C SUBSOUTINE CHUX;  C SUBSOUTINE CHUX;  C SUBSOUTINE CHUX;  C CODING MINISTORY  C	ır	3034C011NE		CMUX1	o w	
THIS DROGGAY PROCESSES ALL AND TRANSPESS, TOWNS		ABSTRACT		CMUXI	7	
### 100 CODING HISTORY CONTROLLY FOR FACTORY AND COSING.  ### 100 SAVES & SETS OF PECO PERING SITE AND COSING.  ### 100 SAVES & SETS OF PECO PERING SITE AND COSING.  ### 100 SAVES & SETS OF PECO PERING SITE AND COSING.  ### 100 SAVES & SETS OF PECO PERING SITE AND COSING.  ### 100 SAVES & SETS OF PECO PERING SITE AND COSING.  ### 100 SAVES & SETS OF PECO PERING SITE AND COSING.  ### 100 SAVES & SETS OF PECO PERING SITE AND COSING.  ### 100 SAVES & SETS OF PECO PERING SITE AND COSING.  ### 100 SAVES & SETS OF PECO PECO SAVES SITE AND COSING.  ### 100 SAVES & SETS OF PECO PECO SAVES SITE AND COSING.  ### 100 SAVES & SETS OF PECO SAVES SITE AND COSING.  ### 100 SAVES & SETS OF PECO SAVES SITE AND COSING.  ### 100 SAVES & SETS OF PECO SAVES SITE AND COSING.  ### 100 SAVES & SETS OF PECO SAVES SITE AND COSING.  ### 100 SAVES & SETS OF PECO SAVES SITE AND COSING.  ### 100 SAVES & SETS OF PECO SAVES SITE AND COSING.  ### 100 SAVES & SETS OF PECO SAVES SITE AND COSING.  ### 100 SAVES & SETS OF PECO SAVES SITE AND COSING.  ### 100 SAVES & SETS OF PECO SAVES SITE AND COSING.  ### 100 SAVES & SETS OF PECO SAVES SITE AND COSING.  ### 100 SAVES SA		THIS PROGRAM PROCESSES		1 × 0 × 0	a 0	
### CODING HISTORY    CODING HISTORY   CONTROL   CONTROL	The same of the sa	SOLLOS A HOLDING HOTELS	FIAGS	C MUX1	10	
CODING HISTORY  1. PROGRAMMED-ALEX PODLECKI 12/28/77  COUNTY  CONTY  CON	10	AND SAVES & SETS OF HEL		CMUX1	12	
COUNTY COUNTY  END OF ABSTRACT  SUBSOUTINE CHUXI  IVEGEST TO, COUNTY  SUBSOUTINE CHUXI  IVEGEST TO, COUNTY  IVEGEST TO, COUNTY  IVEGEST TO, COUNTY  COUNTY/  COUNTY/  SUBSOUTINE CHUXI  IVEGEST TO, COUNTY  COUNTY/  SUBSOUTINE CHUXI  X FTER (1) HINDOCA, ALTINDX  COUNTY/  X FTER (1) HINDOCA, ALTINDX  X FTER (		0.000		TX DX C	27.	
C END DE ABSTRACT  C END DE CALLEY  INTEGER TO, COMMINIT, DATANC, ALTENDX  C END STANDARY TERS  C END STA		COULTS HISTORY 12/28/7		CMUX1	14	
C END DE ADSTRACT  C COMMON TO COURT  INTEGER TO, CONMANC, DATANC, ALTINDX  C COMMON THE ORDAY, TREMAN (4,22), COMMAN (4,3), SHIPNAN (2,15), MAN (20)  INTEGER TO, CONMANC, DATANC, ALTINDX  C COMMON THE ORDAY, TREMAN (4,22), COMMAN (4,3), SHIPNAN (2,15), MAN (20)  X * TFRANK (4,3), THE SHANK (4,22), COMMAN (4,3), SHIPNAN (2,15), MAN (20)  X * TFRANK (4,3), THE SHANK (4,22), COMMAN (4,3), SHIPNAN (2,15), MAN (20)  X * THE (4), MAND(2), TALFWEC(2)  X * THE (4), MAND(2)  X * THE (4), MAND(2)  X * SCRAPACE (4,5), TALFWEC(2)  X * THE (4), TALF				CMUX1	15	
SUBJOUTINE CHUXI  NUTSSET 10, DOWNAIC, DATANC, ALTINDX  CNAVIGATION ARRAFTERS  C		END OF AB		CMUX1	w 1	
C				C MC X I	~ a:	
SURJOURNEY CHOUSE CHO	The same of the sa			CMUX	0' +1	
C		TNE CHUX1		TAUX1	20	
X   SHIPDOM(1, 3)   TAGGNAV(4, 22), TAGGNAV(4, 3)   SHIPDAV(2, 15)		NAVIGATION PARAMETERS		BLANK	2	
X SHFFG(HIS, 1) ALONDY (H, 2), REFF(3), HFLOST(2, 15), NAV(2D)  X SHFFG(HIS, MIND 2), LAUPAD(2)  X STITUME, JARDF E64, 52  X STITUME, JARDF E64, 54  X STITUME, JARDF E64, 56		COMMON/ THEL O(24) , TARGNAV (4,2	,15),	BLANK	₩)	
X *FIFRM(4,3)*(1,4) WIN(2)*(1,4) WIN(2)*(1,4	The same of the contract of the same of th	SHIPCOM(3, 3), CONVOY (4,2), RE	20)	BLANK	<b>3</b> 1	
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x , 1PTCRX, 1PPODEC 167, CX, 7Y  x , 1PTCRX, 1PPODEC 167, CX, 7Y  x , 1THTICK, 1PPODEC 167, CX, 7Y  x , 1THTICK, 1PPODEC 167, TARGIC 19, 4), ONNSIG(7, 2), SCNOIC (3, 4), COMMEN AD FAULTHEL CICTS, 1TARGIC (9, 4), ONNSIG(7, 2), SCNOIC (13, 4), COMMEN AD FAULTHEL CICTS, 1TARGIC (19, 4), ONNSIG(7, 2), SCNOIC (13, 4), COMMEN AD FAULTHEL CICTS, 1TARGIC (19, 4), ONNSIG(7, 2), SCNOIC (13, 4), COMMEN AD FAULTH CA, 1TARGIC (19, 1TE)  X		110		BLANK	01	
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X   IRECFIL, JKPUN, JPRINT, NB1, IND, 10UTB, MPC, NBSIZ, SCT(10, 8),		COMMON DEFAULT/HELCIC(5) , TARGIC(9,4), OWNSIC(7,2), S		PLANK	4.1	
x N3CA(12),NSCA,10FLYIC,  x 176057,DELXIIC,DEXTERTIIC,DELXIIC,DEXTERTIIC,DELXIIC,DEXTERTIIC,DELXIIC,DEXTERTIIC,DELXIIC,DEXTERTIIC,DELXIIC,DEXTERXIIC,DEXTERXIIC,DELXIIC,DEXTERXIIC,DELXIIC,DEXTERXIIC,DELXIIC,DEXTERXIIC,DEXTERXIIC,DELXIIC,DEXTERXIIC,DEXTERXIIC,DEXTERXIIC,DEXTERXIIC,DEXTERXIIC,DELXIIC,DEXTERXIIC,DEXTERXIIC,DELXIIC,DEXTERXIIC,DELXIIC,DETXIIC,DE		X IRECFIL, JKRUN, JPPINT, NB1, INB, IOUTB, NPC, NBSIZ, SCT (		BLANK	15	
X ITGDET, DELEMBY, IMPLICATION OF SIM, ICDIMOS  *** SUNTIC (2, 32), DATUMIC (4), ISCALIC, ITFIRST, WODESIM, ICDIMOS  *** RUDTIC (2, 32), DATUMIC (4), ISCALIC, ITFIRST, WODESIM, ICDIMOS  *** COMMON/REFMIL (8, 4), ATGREF (3, 4), DATUM (5), DIFAR (5, 6)  *** COROCRE(4, 6), YMADGNI (4, 3), CONTAC (10, 6), FNGCIS (4, 4), CLRSOR (6, 4)  *** ASON OP (3), TRACKS (3, 3, 6), PREDPOS (3), POINTER (2), EXPCIR (5)  *** ASON OP (3), TRACKS (3, 3, 6), PREDPOS (3), POINTER (2), EXPCIR (5)  *** ASON OP (3), TRACKS (3, 3, 5), PREDPOS (3), POINTER (2), EXPCIR (5)  *** ASON OP (3), TRACKS (3, 3, 6), PREDPOS (3), POINTER (2), EXPCIR (5)  *** ASON OP (3), TRACKS (3, 3, 6), PREDPOS (3), POINTER (2), EXPCIR (5)  *** ASON OP (3), TRACKS (3, 3, 6), PREDPOS (3), POINTER (4),	35	X NGC A(12) NGCM, NGUPFND, WEN,		D L D N K	4 1	
CTACTICAL DISPLAY PAGAMETERS COMMON/REFMLL(8,4).ATCREF(2,4).DATUM(5).DIFAR(5,6)  RLANK X .CSROCR(4,6),XMADCNT(4,3).CONTAC (10.6).FUSCIR(4,4).CLRSOR(6,4)  X .SENSHOP:FIXDES(3,6).REAPEN (3.2).PREDPOS(3).POINTER(2).EXPCIR(F) RLANK X .XNTOP(3).TRACKS(3,3,6).REAPEN (5).SHPTRU,TOKRHI3,6)  RLANK X .YCASCNTOP(3).TRACKS(3,3,6).REAPEN (5).SHPTRU,TOKRHI3,6)  RLANK X .ICASCNT.IMADCNT.IFTPCNT.JPFCNT.JFIXCNT RLANK X .IPCNTER.IDATUM.ISNSFCS,ITOROS.IERPONT.IFIXCNT RLANK X .IPCNTER.IDATUM.ISNSFCS,ITOROS.IPROPOS.IEXPONT,ICSROFG RLANK X .IPCNTER.IDATUM.ISNSFCS,ITOROS.IPROPOS.IEXPONT,ICSROFG RLANK X .IPCNTER.IDATUM.ISNSFCS,ITOROS.IPROPOS.IEXPONT,ICSROFG RLANK X .IPCNTER.IDATUM.ISNSFCS,ITOROS.IPCNT,ICSROFG RLANK X .IPCNTER.IDATUM.ISNSFCS,ITOROS.IPCNT,ICSROFG RLANK X .IPCNTER.IDATUM.ISNSFCS,ITOROS.IPCNT,ICSROFG RLANK X .IPCNTER.IDATUM.ISNSFCS,ITOROS.IPCNT,ICSROFG RLANK X .YBLOYDR.ISONDATICZ).RELTS,NRAGONI(4).RISZ).IEZ(ZZ).LL RLANK X .ANS.C.ITHR(4).NOTCH(4).INTGTIM(4).ISSCNT,IRFCH(4) RLANK X .MASTRF(ZZ.Z).IAAGPPD(4).INTGTIM(4).ISSCNT,IRFCH(4) RLANK X .MASTRF(ZZ.Z).IAAGPPD(4).INTGTIM(4).ISSCNT,IRFCH(4) RLANK X .HAGSTS,CASSTIM.CASSPER.IAUTC(4).IAUTCCH RLANK X .HAGSTS,CASSTIM.CASSPER.IAUTC(4).IAUTCCH RLANK RL		X INCOME OF SHE OF SHE		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	~ a	
CTAGTICAL DISPLAY PARAMETERS COMMON/REFMLL(8,4), ATOREF(3,4), DATUM(5), DIFAT(5,6)  X , CSROCR(4,6), XMADONI(4,3), CONTAC (10,6), FNGCIR(4,4), CLRSOR(6,4)  X , SENSHOP, FIXDES(3,6), YORPED (3,2), PREDPOS(3), POINTER(2), EXPCIR(F)  RLANK X , XONTOP(3), TRACKS(3,3,6), ME ATTP (5), SHPTRVU, TOCKSHP(3,6)  BLANK X , YOANTOP(3), TRACKS(3,3,6), ME ATTP (5), SHPTRVU, TOCKSHP(3,6)  BLANK X , ICASCNIT, IMADONI, ISTRORONI, ICONT, ICONTON, ICONTON X , IPCNIER, IDATUM, ISNSFCS, ITOROS, IDROPOS, IEXPONI, ICSRDEG X , IHELCUR, IRNGFDG, IMFTF COMMONIACELGS/IRKIME, IHLONIL, IHELORS, IDSFTF, ICYGOS, MEKALRT RLANK X , YOALOYOR, ISONDATIAZO, DELYS, NARGONI(4), RLISZO, IEZ(32), LL RANK X , ANS, C, ITHR(4), NOTCH(4), INTGIM(4), ISSCH(4) X , MASTRF(32,2), IAAGPPD(4), INTGIM(4), ISSCH(4) RLANK X , MASTRF(32,2), IAAGPPD(4), INTGIM(4), INTGOM X , IAGSIS, CASSIIM, CASSPER, IAUTC(4), IAUTCOH X , IAGSIS, CASSIIM, CASSPER, IAUTC(4), IAUTCOH		X BUDYICO, 300, DATURING A TOCALICATOR BOOK CONTOURS TO A BUDYICO, 300, DATURING TO A TOCALICATOR A		0 1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	0 0	
COMMON/REFMLL(8,4), ATCREF(3,4), DATUM(5), DIFAR(5,6)  X - OSROCR(4,6), XMADCNI(4,3), CONTAC (10,6), FUNGIR(4,4), CLRSOR(6,4)  X - SENSHOP-FIXDES(3,6), TORRED (3,2), PREDPOS(3), POINTER(2), EXPCIR(F)  A - SONTOP(3), TRACKS(3,3,6), NE ATP (5), SHPTRUJ, TOCKHPH(3,6)  RLANK  X - YOANDON'SYPELG(1SWKCNI, IFTPONI, 19FRCNI, TOKNY TOKKHPH(3,6)  COMMON/SYPELG(1SWKCNI, IFTPONI, 19FRCNI, ICTONI, TOKNY TO				BLANK	20	
x .CSROCR(4, 6), xMadCN1(4,3), CONTAC (10,6), FNGCIR(4,4), CLRSOR(6,4)  x .SENSHOP, FIXDES(3,6), TORRED (3,2), PREDPOS(3), POINTEP(2), EXPCIR(5)  alank x .XONTOP(3), TRACKS(3,3,6), WE STEP (6), SHPTRUJ, TOCRNT(3,6)  common/SYPELG(1SWKCN1, IFTPCN1, 19FFCN1, ITCN1, TORRED  common/SYPELG(1SWKCN1, IFTPCN1, 19FFCN1, ITCN1, ITCN1, ITCN1CN1  x .IDASCN1, IMADCN1, ICCNNN1, IRCRCN1, ICCNN1, ITCSRDE  x .IHELCUR, IRNGFDG, IMFTF  COMMON/TACFLGS, IMFTF  COMMON/TACFLGS, IMFTF  COMMON/TACFLGS, IMFTF  COMMON/TACFLGS, IMFTF  COMMON/MUD YPW(10, 12), BUCYNAV(10, 32), ICH(4), NPNG(4), XEUDYDR  x .YOLOYDR, ISONDAT(22), DELTS, NRNGCN1(4), R1(32), IR2(32), LL  RLANK  x .ANS, C, ITHR(4), NOTCH(4), INTGIM(4), ISEC(3), LL  RLANK  x .MASTRF(32,2), IAAGPPD(4), INTGIM(4), ISEC(4)  RLANK  x .MASTRF(32,2), IAAGPPD(4), INTGIM(4), ISCNCLN, MAXBUDY, IRFCH(4)  x .MASTRF(32,2), IAAGPPD(4), INTGIM(4), IAUTOCH  x .IAGSIS, CASSIIM, CASSPER, IAUTC(4), IAUTCCH  x .IAGSIS, CASSIIM, CASSPER, IAUTCCAS, IAUTCCAS, IAUTCAS, I	6.4	COMMON/REFMLL(8,4), ATOREF(3,4), DATUM(5), DIFAR(5,6		GLANK	21	
X * SENSHOWFT IXOES (3.5) FREEDROS (		X *CSROCR(4,5),XMADCN1(4,3),CONTAC (10,6),FNGCIR(4,	- 1	D L D N K	22	
COMMONISTICATION TO STANK THE TROUBLY INTERCALL TO STANK  * ICASCNT. IMADCNT. ICCNNNT. IRCRCNT. ICURCNT. ICONT. ICONTC.  * ICASCNT. IMADCNT. ICCNNNT. IRCRCNT. ICONT. ICONTC.  * IPCNTER. ICONTUR. ISONS TO STANK  * IMELCUR. IR NGFDG. INFTF  COMMONITACE LGS. TRKTIME. ILLCNTL. IMELCOR. ICONT. ICONTC.  COMMONITACE LGS. TRKTIME. ICONTC. ICONTC.  * IPCNTER. ICONTC. MODEL TABLES  AND PARKEDER TABLES  * YOUCONTC. MODEL TABLES  * YOUCONTC.		HOWOOD TACKED AND STAKEN IN THE STATE OF THE		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 0	
x .IGASCNT.IMADCNT.ICCNCNT.ICCNCNT.ICCNT.ICNTCP PLANK x .IPCNTER.IDATUM.ISNSFCS.IIOADS.IPRDPOS.IEXPONT.ICSRDFG PLANK x .IPCNTER.IDATUM.ISNSFCS.IIOADS.IIOADS.IEXPONT.ICSRDFG PLANK COMMON/IACFLGS/TRKIMF.IHLCNIL.IHELODS.IDATLNK x .IPATGOR.IHKVEPF.HKILPE.ILCNICFF.NOFHCOR.IDSFTF.ICYGOS.HSKALRT PLANK COMMON/IACTIC MODEL TABLES AND PAPAFETERS CACOUSTIC MODEL TABLES AND PAPAFETERS x .YBLOYDR.ISONDAT(R2), DELTS, NRAGONI(4), RI(32), IR2(32), LL RLANK x .YBLOYDR.ISONDAT(R2), DELTS, NRAGONI(4), SELTS), IR2(32), LL RLANK x .ANS.C.ITHR(4),NOTCH(4),INTGTIM(4),ISFCH(4) RLANK x .MASTRF(32.2),IAAGPPD(4),INTGTIM(4),INTGTIM(4), ANXBUDY,IRFCH(4) BLANK x .HAGSTS,CASSTIM.CASSPER,IAUTC(4),IAUTCOH		COMMON/SYMPLG/ISMKONT, INTRONT, JAPPONT, 19FF		ALANK	22.	
x , IPCNTER, IDATUM, ISNSFCS, ITOBOS, IPROPOS, TEXPONT, ICSROFG PLANK COMMON/IACFLGS/TRKIME, IHLCOT, IHELOS, IDATUM X , IPATGOR, IHKYEPF, HKINE, ILLCOT, INFHCOR, IDSFTF, ICYGS, HSKALRT CHANK COMMON/RUOYPWILD, 72), BUCYNAV(10, 32), ICH(4), NPNG(4), XBUOYDR X , YBLOYDR, ISONDAT(22), DELTS, NRAGONI(4), R1(32), IR2(32), LL RLANK X , ANS, C, ITHR(4), NOTCH(4), INTGTIM(4), ISSLBY X , MASTRF(32,2), IAAGPPD(4), ISCNCLN, MAXBUOY, IRFCH(4) RLANK X , MASTRF(32,2), IAAGPPD(4), IAUTCCH, MAXBUOY, IRFCH(4) RLANK X , MASTRF(32,2), IAAGPPD(4), IAUTCCH RLANK	45	X .ICASCNT, IMADENT, ICCNENT, IRCGENT, ICURENT, IFIXCNT,		PLANK	56	
x , IHELCUR, IRNGFDG, IMFTF COMMON/IACFLGS/TRKITHF, IHLCNYL, IHELCDR, IDATLNK COMMON/IACFLGS/TRKITHF, ITHCNYL, IHELCDR, IDSFTF, ICYGGS, HSKALRT RLANK x , IPATGOR, IHVVERF, HKINEY COMMON/IBUDYOM LID, 12D, AD PARAFETER COMMON/IBUDYOM LID, 12D, BUCYNAV (10, 32), ICH(4), NPNG(4), XGUOYDR X , YBLOYDR, ISONDAT(12), DELTS, NRNGCNI(4), RI(32), IR2(32), LL RLANK X , ANS, C, ITHR(4), NOTCH(4), INTGTIM (4), ISELBY X , MASTRF(32,2), IAAGPPD(4), ISCNCLN, MAXBUDY, IRFCH(4) RLANK X , MASTRF(32,2), IAAGPPD(4), ISCNCLN, MAXBUDY, IRFCH(4) RLANK X , IAGSIS, CASSIIM, CASSPER, IAUTC (4), IAUTCCH		X .IPCNIER.IDATUM.ISNSFDS,ITORDS,IPRDPOS,IEXPONT,ID		BLANK	27	
COMMONITACELGS/TRKTIME,IHLCNYL,IHELCDR,IDATLNK  * IPATCOR,IHKVEPE,HKTIME,ICNTCFF,NOFHCOR,IDSFTF,ICYCOS,HSKALRT RLANK  CACOUSTIC MODEL TABLES  COMMONIZED OPPORTED: 22) * BUCYNAV(10,32) * ICH(4) * NPUCYNAV(10,32) * ICH(4) * NPUCYNBR  X * YBLOYDRY ISONOAT(22) * DELTS, NR GONI(4) * R1 (52) * IE2(32) * LL  RLANK  X * ANS,C,ITHR(4) * NOTCH(4) * INTGTIM(4) * ISE(32) * LE (32) * LL  RLANK  X * MASTRF(32,2) * IAAGPPD(4) * ISCNCLN, MAXBUDY, IRFCH(4)  RLANK  X * IAGSTS,CASSTIM,CASSPER*IAUTC(4) * IAUTCCH		X .IHELCUR, IRNGFDG, IMFTF		BLANK	28	
X IPATCOR, THKVEFF, HKIINE, ICNICFE, NOFHCOR, IOSFTF, ICYOOS, MSKALRI RLANK GAGOUSTIC MODEL TABLES AND PARAFETERS COMMON/OYPWILLD, 32 BUCYNAV(10, 32), ICH(4), NPNG(4), XEUOYDR X YOLOYDR, ISONDAT(32), DELYS, NRNGON(4), RRIS), IEZ(32), LL RLANK X , ANS, C, ITHR(4), NOTCH(4), INTGTIM(4), ISELS), IEZ(32), LL RLANK X , MASTRF(32,2), IAAGPHD(4), ISCNCLN, MAXBUDY, IRFCH(4) RLANK X , IAGSIS, CASSIIM, CASSPER, IAUIC (4), IAUICOH		COMMON/TACFLGS/TRKTIMF,IHLCNTL, THELCOR, TOATLNK		BLANK	56	
COMMON/SUDY FARES AND FACTERS).  COMMON/SUDY PWILLS, SUCYNVILD, ST. ICHILD, NPNG(4), XEUDYDR BLANK  X +YBLOYDR*ISONDATIZED, SUCYNVILD, ST. I (\$2), IEZ(\$2), LL  ANS, C, ITHR(4), NOTCH(4), INTGTIM(4), TSELSY  X +MASTRF(\$2,2), IAAGPHD(4), ISCNCLN, MAXBUDY, IRFCH(4)  RLANK  X +MASTRF(\$2,2), IAAGPHD(4), ISCNCLN, MAXBUDY, IRFCH(4)  RLANK  X +IAGSIS, CASSIIM, CASSPER*IAUTC(4), IAUTCCH		X - IPATCOR, IHKVERP, HKTIVE, ICNICPE, NOFECCR, ICNITE, IC		PLANK	0 .	
X +YBLOYDR,ISONDATGR2), DELTS, NANGONI(4), RIGES), IE2(32), LL ALANK X +ANS, C, ITHR(4), NOTCH(4), INTGTIM(4), ISELBY X +MASTRF(32,2), IAAGPHD(4), ISCNCLN, MAXBUDY, IRFCH(4) X +IAGSTS, CASSTIM, CASSPER, IAUTC (4), IAUTCCH		COMMON CAPITATION OF THE PROPERTY OF THE PROPE		BLBNK	22	
X ,ANS,C,ITHR(4),NOTCH(4),INTGTIM(4),ISELBY X ,MASTRF(32,2),IAAGPMD(4),ISCNCLN,MAXBUDY,IRFCH(4)  X ,IAGSTS,CASSTIM,CASSPER,IAUTC(4),IAUTCCH		X *YBLOYDR, I SOND AT (22), DELIS, NANGONI (4), R1 (32), IRS		3LANK	3 6	
X + MASTRF(32+2)+IAAGPHD(4)+ISCNCLN+MAXBUDY+IRFCH(4) X + IAGSIS+CASSIIM+CASSOFR+IAUIC(4)+IAUICOH		X ,ANS, C, ITHR(4), NOTCH(4), INTGTIM(4), ISEL BY		BLANK	4.	
X .IACSTS, CASSTIM, CASSPER, IAUTO (4), IAUTOCH		X , MASTRF (32,2), IAAGPHD (4), IS CNCLN, MAXBUDY, IRFCH (4)		PLANK	5.	
	22	x .IAGSTS.CASSTIM.CASSBER.IAUTC(4),IAUTOCH		BLANK	36	

	X .IPASCUI(4).JTRGE(2.2.4).JHFPG(2).ICHNDAT(4).LGDATX(4)	9 LANK	W 4 4
3	- RADAR FOREL TABLES AND PARAMETERS	1 d d d d d d d d d d d d d d d d d d d	0 0
		PLANK	0.7
	* GRAZANG, IRDSYMB, ICFAR, IPECSIS, IRDFILE 11201, IRDPDEC1311, IRDPIDX,	9LANK	4.1
	INDER IROSIZE, IRETURN (30), IRDEST, ISEASTE, TGIN,	STANK	7.
		2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	*) t =
	* AIMCONTACTOR TIME TO A ANOMATOR AND ANOMATOR AND	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	† u
	# COTOOLS   TOTAL   COTOOLS   COTOOL	1 - C	1 4
		BIANK	7.7
	COMMON IFMIT(100.3), ITRKFIL(100), ILI3, INIVESM(4)	3LANK	a J
		DLANK	0.4
	STN3 (16), SIG(16), NOI	BLANK	50
	. ANARR(16.3), FI (8,4),	BLANK	27
		FLANK	22
	X IVERN (2.8.4), FRECG(8.4), ALGAKFR, ALGAKFV, ALGIMO, IFRANT, AKFRV	BLANK	5.2
	DAW (2)	BLANK	t u
	COMMEN CHORIZN/ HOSLIM	PLANK	55
	COMMON ZCONSTZ AMCCNS(16)	BLANK	96
	COMMON // NIUIGUE(10), NIUCSUE(17), NILTSUE(40),	BLANK	12
	* MSPIGUR(40), MSPOGUR(17), MSPIGUR(40)	A C C	a)
	* MADDISP(2), 105PAGU(4), MUXIBUE(56), MUXOBUE(17)	BLANK	o o
	4). KSOBU	BLARK	
		PLANK	61
	* TAGRANG, TACREAR, ITACVAL, STKATO(2), STKSO(2)	RIANK	20
	)	COMPUS	
	COMMON ZOMGMUX/ IPRCINT, IPLCCOR, PESETTR, HSIN(4)	CONCINUX	je,
		COMPMUX	7
	* KSLFTST	XUMUMOU	r
	OMMCN/BUFFLAG/ISFUL1	COMCMUX	Q
	1CN/ERRFLAG/IXFREGP (3)	COMCMUX	7
	DATA IPROINT, RESETTR, IPLOCCP, IPASS, K	TXDXC	54
	9 . 0 . 0	CAUXI	25
		T×0×1	56
		CMUXI	27
<b>.</b>	N LCOP FOR INPUT PROCESS	CMUXI	28
		CMUXI	50
ပ	SOMETHING IN THE INPUT BUFF	CMCX1	30
	( MUXIBUF(INPINCX) ) 90,80,6	CAC XI	1.
0		TWUX1	32
	PESET STATUS	CMUXI	m m
ac ,	TEF	O M C X T	70
0		CMCXI	35
	90 CONTINCE	TXDW1	4
0		CMUXI	12
2	S	CMUNT	8, 20
	INDINOX = 1	CMUXT	0° M
	ALTINOX =	CMCXI	0 .
7.0	ايا	TXON L	-1
	ALUE = MUXIBUF(INPINOX)	TX DX U	42
,	LUE 1 125,2000,125	TXONL	r) .
	THE CHOICE CHAP CA	CMUXI	J 1.
.> c	CORREDUINIC BASIC	L MO XI	τ. υ.:
		-	

10		BUNIE	CMUX1	47
C CONTINUE  C C C C C C C C C C C C C C C C C C C		MMAND = AND ( 37	12070	a 0
C CASE OF ADD CCHAND WOSE (CCMAND)  I COCCOMMENT TO 1975 TO 150 ADD CCHAND WOSE (CCMAND)  I COCCOMMENT TO 150 ADD CCHAND WOSE (CCMAND)  I COCCOMMENT TO 150 ADD CCHAND (CDITAC)  C CASE OF MORE DISCRIFE COMMIND (CDITAC)  INTILIZE TEST COUNTEP/FLAC  CONTINUE  C C C C C C C C C C C C C C C C C C C		I AND 19. CHIEFLINGIE	TX IN L	י כ
C CASE OF COMMAND WOLD (CCHMAND)  1 FECOMMONISCO 140, 500  C CASE OF MODE/DISCRETE COMMAND (DATANC)  140		XIPUF(INPINCX) = 0	CMUXI	- to
C CASE DF ADD CORMAND WOOC (CCMMAND)  C CONTINUE  C C C C C C C C C C C C C C C C C C C		XINIGNI = XUNIG	CMUX1	5.5
FORTOWN DEC.   COMMAND COLINGE	ပ	SE OF ADP COMMAND WORD (C	CMUX1	53
C CASE OF MODE/DISCRETE COMMAND COLTANCY  140		IF(COMMAND)500,149,500	CMUXI	75
C CASE OF MODE/DISCRETE COMMAND (DITANT)  140  150  150  150  150  150  150  150	v	*COMMAND EG. 0	CMUX1	r,
CONTINUE  140  150  160  160  170			- CMUX1	9 10
FORTING   FORT	U	ASE OF MODE/DISCRETE COMMAND (DATA	CMCXI	25
140  160  160  170  170  170  170  170  17	:		- CHUXI	n, a)
Trining   Terming   Term	4		CMUX1	0.0
TOTALIZE TERNING   CONTINUE   C		11200,150,20	TXDAL	0 .
INITIALIZE TERNINAL   150	0	. 1	C MC X	F 6
CONTINUE CON		NIME TO SERVICE STATES	TX D LX	U W
150 CONTINUE  C RESET STELETEST CCUNTEP/FLAG  KSLTST = 0  IDAM(1) = IDAM(1) .0P. LB  CONTINUE  C SET SEL-TEST CCUNTER IC MAXIMUM  C ST SET SEL-TEST CCUNTER IC MAXIMUM  C ST SEC SEC CONTINUE  C ST SEC SEC CONTINUE  C ST SEC SEC SING INITIATED AND DATA REPUESTED FLAGS  C CONTINUE  C C CONTINUE  C C C C C C C C C C C C C C C C C C C	3	NI	T X II X	1
PROSENT   PROS	15		XDXC	. 22
C KSETST SELF-TEST COUNTEPFLAG  KSETST = 0  IDAM (1) = 10 A (1) . 0P. 4B  IDAM (2) = 10 A (1) . 0P. 4B  IDAM (2) = 10 A (1) . 0P. 4B  IDAM (2) = 10 A (1) . 0P. 4B  C CONTINUE  C CONTINUE  C CONTINUE  C C CONTINUE  C C C C C C C C C C C C C C C C C C C		I INTORAL	CMUX	99
TOAK(1) = IDAK(1) .0P. 48	U	-TEST CCUNTER/FLA	CMUXT	67
IDAW(1) = IDAW(2) .0P. 48     IJAW(2) = ICAW(2) .0F. 49     IJAW(2) = ICAW(2) .0F. 49     IJAW(2) = ICAW(2) .0F. 49     GO TO 1230     FOATANC C-3) 256 123,250     CONTINUE		0	CMUXI	a w
200  200  100		IDAM(1) .OP. 4	CMUXI	0.
200		TEAMIS) OF. 4	CMUXI	7.0
CONTINUE    FEGNTANCE   FORTER   CONTENUE		0 =	TXUX1	71
CONTINUE  CONTIN			T MILX 1	12
C	000		******	1 1
C	2002	20 100 00015	12000	
C SET SELE-TEST COUNTER TO MAXIMUM CONTINUE C SET SELE-TEST COUNTER TO MAXIMUM CONTINUE C CONTINUE C C CONTINUE C C C C C C C C C C C C C C C C C C C		3122636218	T AOXI	1 1
C			- CMUXI	22
C SET SELE-TEST COUNTER IC MAXIMUM C SET PROCESSING C SET PROCESSING INITIATED AND DATA REDUESTED FLAGS C SET PROCESSING INITIATED AND DATA REDUESTED FLAG	٠,	DATAME ED. 3	TXCX1	9/
Continue  Contin	ပ	NITIALIZE SFLF-TES	TXOX.	11
C SET SELE-TEST CCUNTER TO MAXIMUM C CONTINUE  C CONTINUE  C CONTINUE  C C C C C C C C C C C C C C C C C C C	0		- CMCX1	78
220  KSLFTST = 150  IDAW(1) = 1DAW(1) . 0R. 48  IDAW(2) = ICAW(2) . 0R. 48  IBFUL2(3) = 0  GO TO 1200  CONTINUE  IF(COMMAND EG. 4  CONTINUE  CONTINUE  FROCESSING INITIATED AND DATA REQUESTED FLAGS  CONTINUE  IF(COMMAND EG. 6  CONTINUE  CONTINUE  IF(COMMAND EG. 6  CONTINUE  CONTINUE  IF(COMMAND EG. 6  CONTINUE		ET SELF-TEST CCUNTER TO MAXIMU	TXOX1	10
Manual	220	ONTINUE	CMCXI	D a
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SU3POUTINE CMUXCOT

ABSTRACT

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END OF ABSTRACT

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GLANK PLANK BLANK BLANK BLANK PLANK SLANK PLANK BLANK BLANK BLANK FLANK SLANK X .CSFOCR(4,6),XMADCNT(4,1),CCNTAC (10,6),RNGCIP(4,4),CCPSCR(6,4)
X .SENSFOR,FIXDES(3,6),10PPED(3,2),PREDFOS(3),POINTFR(2),EXPCIP(5)
X .XCNTCP(3),TRACKS(3,3,6),NEAFTP(5),CHPTPKU,TRCKSHP(3,6) COMMONITACELGS/TRKTIME, IHLUNIL, IHELCOP, IDATLNK X , IPATCOR, IHKVERF, HKTIME, IONYCPF, HRFHCOR, IDSFTP, ICYGDS, MSKALFT --ACOUSTIC MODEL TABLES AND FARAFETERS COMMON//RUOYRW(10.32), BUCYNAV(10.32), ICH(4), NPNG(4), XBLOYSR COMMON/SYMPLG/ISMKONT, IFTPONT, PREFONT, LATLONT, IDERONT \* . ICASONT, IMADGNT, ICCNONT, PROFENT, ICURONT, INTERONT, ICONTONT, IMADGNT, ICONTONT, IMAGENT, ICONTONT, IMAGENT, ICONTONT, IMAGENT, X ,Y910YDR, I SONDAT (32), DELTS, NG GNT (4), R1 (32), IR2 (32), LL .IACSTS.CASSTIM,CASSPER.IAUTO(4),TAUTOCH .IPASCUT(4),JTRCE(2,2,4),IHFPG(2),ICHNDAT(4),TACOATX(4) .IACDATY(4),IPSVCLR(4),IBOYCNT,IDFX(4) X .IPCNIER.IDATUM.ISNSFUS,ITORDS,IPPOPOS,IEXPONI,ICSROFC X .IHELOUR.IRNGFDS,IMFIF , MASTPF (32,2), TAAGPMD (4), ISCNCLN, MAXBUDY, TRFCH (4) .ANS.C. ITHR(4).NOTCH(4).INTGTIM(4).ISFLRY 3 55 60 45 53

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C 100 CONT C 1 I F I C 110 C 110 C 110 C 120 C 200 C 200	INUE PROCESSING HEAGER WORD 1  TA IS BEING PECETVED  TILL AND.10005391290.203.104  NPEASONABLE BUFFER ADDRESS  INUE  MISGDAT(2)+KRUFCNT-MUXCODE)110,110,110  FRI HEADER WORD ERRCE FLAG  CONTINUE  EHORWRD = 1  GO TO 120  SET IPL CCCUPRED FLAG	TX DX C	N 60
110 CONT C 110 C 110 C 120 C 120 C 200 C 200	TA IS BEING PECETVED  IT(1).AND.10005391290.203.104  NPEASONABLE BUFFEP ADDRESS  INUE  INUE  SET HEADER WORD ERROR FLAG  CONTINUE  EHDRWRD = 1  GO TO 120  SET IPL CCCUFFED FLAG	CMUNA	224
C 110 C 110 C 110 C 110 C 110 C 110 C 120	TA IS BEING PECETVED  NYEASONABLE BUFFEP ADDRESS INUE FINANCEST (2) + KRUFCNT-MUXCODE) 110,110,110,10 FOR HEADER WORD ERPCF FLAG CONTINUE FHORWRD = 1 GO TO 120 SET IPL CCCUFFED FLAG	CMUX	225
C 105 TFR TH	TA IS BEING PECETVED  TII).AND.10000383290.203.104  NPEASONABLE BUFFER ADDRESS  INUE  MSGDAT(2)+KRUFCNT-MUXCODE)110,110,110  FN  SET HEADER WORD ERRCF FLAG  CONTINUE  EHORWRD = 1  CO TO 120  SET IPL CCCUFFED FLAG	LXDWD	226
C 1105 C 1105 C 120 C 120 C 200 EL	NYEASONAOLE BUFFER ADDRESS INUE MSGDAT(2)+KRUFCNT-MUXCODE)110,110,110,10 EN SET HEADER WORD ERRCF FLAG CONTINUE EHORWRD = 1 CO TO 120 SET IPL OCCURRED FLAG	TX DEU	227
C 105 C 1105 C 120 C 220 C 260	ASONABLE BUFFER ADERESS  E SAT(2)+KRUFONT-MUXCODE)110,110,110  T HEADER HORD ERRCK FLAG  NTINUE TO 120  T TPL OCCUERED FLAG	1 > 1 > 1	200
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C 1105 C 1110 C 120 C 120 C 200 EL	AUXCODEJIIO,110,10 RPCR FLAG	GMUXI	231
C 105 C 110 C 120 C 260 EL	200 8 4 5 7	てメロトコ	232
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### SUPPOUTINE CAURZ  #### SUPPOUTINE FEFCORES CAUR OUTPUT PROCESSING  #### FIRST OUTINE FEFCORES CAUR OUTPUT PROCESSING  #### FIRST OUTINE FEFCORES CAUR OUTPUT PROCESSING  #### FIRST OUTPUT FEETON			N X C X C	v: 1	
### 115 OUTLINE FEAFCORY CAULX OUTPUT PROCESSING  #### 125 OUTLINE FEAFCORY CAULX OUTPUT PROCESSING  #### 125 OUTLINE CAULX  #		SUBRCUTINE CMUX	2×0×3	Lr.	
15 C			CMUNS	¥	
10 C C CONTROLLER POOLECT (CCC) 01/0/73 C C C C C C C C C C C C C C C C C C C		ABSTRACT	CMUXS	7	
15 C COOLING HISTORY  16 C A 1. PROGRAMMEDALEX POOLFCKI (CSC) 01/04/73  17 C CONSULTING CHUZ:  18 C C C C C C C C C C C C C C C C C C C		THIS POUTING PERFORMS CMUX CUIPUT PROCES	O X O X O	œ	
10 C 000166 HT PROGRAMMEDALEX POOLFCKI (CSC) 61/04/73  11 PROGRAMMEDALEX POOLFCKI (CSC) 61/04/73  12 C 00000/11/10 DR. MRITE  13 DR. MRITER COND. (MRITE) A. OLDST  14 DR. MRITER COND. (MRITE) A. OLDST  15 C 00000/11/10 DR. MRITER COND. (MRITE) A. OLDST  16 DR. MRITER COND. (MRITERS)  17 C 00000/11/10 DR. MRITER COND. (MRITER) A. OLDST  18 DR. MRITER COND. (MRITERS)  18 DR. MRITER COND. (MRITERS)  19 DR. MRITER COND. (MRITERS)  10 DR. MRITER COND. (MRITERS)			CMUX2	0	
1. PROCESS NOT CEASTRACT  2. SUPPORTING CAUSE  1. PROCESS NOT CEASTRACT  2. SUPPORTING CAUSE  3. SUPPORTING CAUSE		CODING HISTORY	CMCX2	C .	
15	•	1. PROGRAMMEDALEX PODLFCKI (CSC) 01/04/7	CYCYC	11	
15 C	The second of th	000	2000	12	
25			0 X C X C	17.	
20			CXCXC.	15	
SUPPORTINE CANTA   PRINT, RITCH   PRINT, RITCH   PRINT   PRI	15		CMUX2	41	
100001712   1000001714   10000000000000000000000000000000000	7	SUBPOUTINE CMUX2	CMUY2	17	
20		NIEGER XOP, CPSIT, FPSIT, RT, BIT(2),	CMUX2	83 11	
20		* . 01.	CMUXZ	10	
YETRANGE   ALTERIT   ALT	•	NAVIGATION PARAMETERS	Y A A A A A A A A A A A A A A A A A A A	~ 1	
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x ; 1760 T , JOHN ; JOHN ; MAD & MAD		.ITUN	BLANK	<b>o</b> )	
** JPTCGRAJDITCH ** A PROTOTE GETT CX.CV ** JTHTICK.TRPIOTE, ELCTX29, PLCTY29, MISSION ** JTHTICK.TRPIOTE, ELCTX29, PLCTY29, MISSION ** STATE COMMON OBER AUTHELINE, TOUTB. MBC.MBSIZ.SCT(10.8), ** ROAC(12), MBCM.** NBUFFM, MFTN, TOUTB.** NBC.MBSIZ.SCT(10.8), ** ROAC(12), MBCM.** NBCM.** NBC		. ITGCHT, JOHN, JSUB, MACAUTO	DIANK	o	
X	9	. IPTCCRR, JPILOT	SLANK	10	
X	*	. JRESET, IPCDEC (67), CX, CY	SLANK	11	
### REAL NAV    COMMONY CEFA UIT / HELDIC 59, TARGIC (9, 4), ORNSIG CT 2, SCHOOL 17, 41, 9    THE CFILL, JKRUN, JPRINT, NRI, INA, TOUTS, NBCT 7, SCHOOL 8), 9    THE CFILL, JKRUN, JPRINT, NRI, INA, TOUTS, NBCT 7, SCHOOL 8), 9    THE CFILL, JKRUN, JPRINT, NRI, INA, TOUTS, NBCT 7, SCHOOL 8), 9    THE CFILL STATE, ORLY 11C, 1, 100 STATE, SCHOOL 8), 9    THE CFILL STATE, ORLY 11C, 1, 100 STATE, SCHOOL 8, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		, TIMTICK, IRPIOTR, FLCTXZ9, FLCTYZR,	BLANK	12	
X   NGCA(12), NGCM, NGUE/FKD, 44, 0 MNSIC(7,2), SCNOIT(7,4), PLANK   X   NGCA(12), NGCM, NGUE/FKD, 44, 1, 1 NGC,			PLANK	2	
X   PSECFILL   JARBIN   JARIN   MORITANDE, MOSTA   SCTION   STANCE	4	COMMON/DEFAULT/HELOIC(5), TARGIC(9,4), O WNSIC(7,2), SONOIC(7,4)	D L N K	7 (	
X NGGRIZIN NGGRAILE NGGREATERS  X ITORETIDE XTIC, DELYTIC,  X ITORETIDE XTIC, DELYTIC,  X ANOYTO CARROW AND		E C	BLANK	5	
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COMMONIVEEFML(9,4), DITOPEF(3,4), DATUM(5), DIFAP(5,6)  x, OS GOR(4,6), XMADGNI(4,3), CONTAC (10,6), PNSCIP(4,4), CURSOR(6,4)  x, SENSTON, FIXER (3,5), TO PRED (3,2), PPODPOS (3), PCINTER(2), EXPCIP (5)  year  x, SENSTON, FIXER (3,4), ABST (4,4), CURSOR(6,4)  COMMONIVS WELCALS MENTER (5), SHETPWI, TPCRYHETS, 6)  COMMONIVS TO TOWN, INCOMINISTER (1), SHETPWI, TO PCHY  x, IPCNTER, IDATUM, ISNSFOS, ITOPOS, TEXP CNT, ICSSOFG  COMMONIVATER (5), TREE (5), TREE (5), SHETPWI, TO STONE (6), SHENK  X, IPCNTER, IDATUM, ISNSFOS, ITOPOS, TEXP CNT, ICSSOFG  COMMONIVATER (5), TREE (5), TREE (5), TREE (6), NSKALRT  COMMONIVATER (6), THIRTE, ICONTOFF, NSHOOP, IDSSTP, ICYOS, MSKALRT  COMMONIVATION (10,32), GUCYNAV(10,32), ICH(4), NPNG(4), XBLOYCR  X, YBUNYDR, ISNORT (32), GEL (3), NSHOOP, ISSOFT, ICYOS, MSKALRT  COMMONIVATION (4), INTETIMENT, TSEE (32), LL  SLANK  X, YBUNYDR, INVERTING (4), TNIGTIM (4), TSEE (32), LL  SLANK  X, MASTGFIZZ, 23, ITAAGPROST, ISNORT (4), IAUTOCH  X, ITASSTEASSTIM, CASSPER, IAUTOCH  X, ITASSTIM, CASSPER, IAUTOCH  X, ITASSTIM, CASSPER, ITATOCH  X, ITASSTIM, CAS	à	TOPL	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		
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x ,xontop(3),TPACKS(3,3,6),KEAFTP(5),SHFTPKU,TPCKSHP(3,6) COMMON/SYMFLG/ISMKONI, IFFONI, IATLONI, IDFACNI  x , ICASCNI, IMATONIC		, SENSHOR, FIXDES (3,6), TOPPED (3,2), PREDPOS (3), PCINTER(2), EXPO	SLANK	2.2	
COMMON/SYMFLG/ISMKONI, IREFCNI, IDJECTNI  * IGASCANT, IMADONT, ICCNCNI, IREFCNIT, IDJECTNIT  * IGASCANT, IMADONT, ICCNCNI, IREPCNIT, IDNICP  * ICASCANT, IMADONT, ICCNCNI, ISCNCTIC BLANK  * IHELCUR, IRNGFOS, IMFTF  COMMON/TACFLGS/TOKTIME, ITHLONIL, IHELOR, IDATLNK  * IPATCOR, IMKVERF, HKTIME, ICNICFF, NRFHCOP, IDSFTP, ICVCDS, MSKALRT  COMMON/TACFLGS/TOKTIME, ICNICFF, NRFHCOP, IDSFTP, ICVCDS, MSKALRT  # ACOUSTIC MODEL TABLES AND PARAMETEDS  COMMON/ABUDYPW, ISCNOAN(10, 32), ICH(4), NPNG(4), XBLOYCR  * YBUOYDR, ISONOAN(32), DELTS, NFNGCNI(4), RICH(4)  * YBUOYDR, ISONOAN(32), DELTS, NFNGCNI(4), RICH(4)  * AMASTGFIZZ, 2), IAAGPMO(4), ISCNCLN, WAXBUDY, IRFCH(4)  * ALACSTS, CASSTIM, CASSPR, IAUTO(4), IAUTOCH  * IACSTS, CASSTIM, CASSPR, IAUTOCH)  * IACSTS, CASSTIM, CASSP, IACTOCH, IACDATX(4)  * IACSTS, CASSTIM, CASSP, IACTOCH, I		ox.	BLANK	24	
x .1Gascni.1Maudni.1CCncn.1.1Cupcni.1Flixcni.1DnicPenk x .1PonteR.1Datum.1SCS.1TOPDS.1PRDPOS.1ExPGNI.1CSRDFG qlank common/Tarfelgs.Trwftimf.1Hflcor.1Datumk x .1Patcor.1HKVERF.HKTIMF.1CLT.1Hflcor.1Dsftp.1CvCDS.MSKALRT GOMMON/Tarfelgs.HKVERF.HKTIMF.1CNTOFF.NRFHCOP.1Dsftp.1CvCDS.MSKALRT glank x .1Patcor.1HKVERF.HKTIMF.1CNTOFF.NRFHCOP.1Dsftp.1CvCDS.MSKALRT glank x .1Patcor.1MVTRUOYPW.1Cor.32).1CH(4).NPNG(4).XBLOYCR GOMMON/TBUOYPW.1Cor.32).9CLTS.NPNGCNT(4).4LG.23.TR2(32).1L x .4BUDYPR.1SONDAT(32).NTGLTIM(4).TSELRY x .4ANS.G.1THR(4).NOTCH(4).TSCNCLN.WAXBUDY.TRFCH(4) x .1ACSTS.CS.TIM.CGSSPFR.IAUTO(4).1GNDAT(4).ACDATX(4) glank x .1Pascut(4).JTRCE(2.2.4).THFG(2).ICHNDAT(4).ACDATX(4) glank x .1ACDATY(4).TPSVCLR(4).1BOYCNT.TDFX(4) glank x .1ACDATY(4).TPSVCLR(4).TBSX(4) glank x .1ACDATY(4).TPSVCLR(4).TBSX(4)		NO CO	PLANK	25	
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X JUNE TO THE LEGAL TRAILES AND PARAMETEDS  CoACOUSTIC MODEL TARLES AND PARAMETEDS  COMMON/BUDYPW(10,32), EUCYNAV(10,32), ICH(4), NPNG(4), XBLOYCR BLANK  X, YBUOYDR, ISONDAT(32), EUCYNAV(10,32), TR2(32), LL  X, ANS, C, ITHK(4), NOTCH(4), TNGTIM(4), TSELBY  X, MASTEF(32,2), IAAGPPR(4), INGTIM(4), TSELBY  X, IACSTS, CASSTIM, CASSPER, IAUTOCH  X, IPASCUT(4), JTRCE(2,2,4), IHFPG(2), ICHNDAT(4), IACDATX(4)  BLANK  X, IACDATY(4), IPSVCLR(4), IBPYCNT, IDFX(4)	•	4 6	1 4	000	
CAGOUSTIC MODEL TABLES AND PARAFETEDS COMMCN//BUDYPW(10,32), GUCYNAV(10,32), ICH(4), NPNG(4), XBLOYDR R, YBUDYDR, ISONDAT(32), DELTS, NFNGCNT(4), R1(32), TR2(32), LL R, ANS,C,ITHR(4), NOTCH(4), TSTIM(4), TSELBY X, MASTGF(32,2), IAAGPRD(4), ISONCH, MAXBUDY, IRFCH(4) R, MASTGF(32,2), IAAGPRD(4), ISONCH, MAXBUDY, IRFCH(4) R, IAASTGF(32,2), IAAGPRD(4), IAUTOCH X, IPASCUT(4), JRCE(2,2,4), IHFFG(2), ICHNDAT(4), IACDATX(4) BLANK R, IACDATY(4), IPSVCLR(4), IBOYCNT, IDFX(4)		SOUTHOUNDED THE SOUTH A THE STREET OF THE SOUTHOUSE THE STREET ST	X 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		
50 X , YBUDYPW(10,32), GUCYNAV(10,32), ICH(4), NPNG(4), XBLOYCR BLANK X , YBUDYDR, ISONDAT(32), GELTS, NFNGONT(4), R1(32), TR2(32), LL GLANK X , ANS, C, ITHR(4), NOTCH(4), TSTIM(4), TSELRY X , MASTGF(32,2), IAAGPRD(4), ISONCLN, MAXBUDY, IRFCH(4) BLANK X , IACSTS, CASSTIM, CASSPER, IAUTO (4), IAUTOGH X , IAASTUT(4), JRCE(2,2,4), IHFB(2), ICHNDAT(4), IACDATX(4) BLANK X , IACDATX(4), IBOYCNT, IDFX(4)	*	ACCURTE MODEL TABLES AND PASSENTED	A N		
50 x , Y9U0YDR, ISONDAT (32), NFLTS, NFNGONT (4), FRI (32), TR2 (32), LL 9LANK	1	CO4MCN/ZBUOYPW(18-32) - BUCYNAV(10-32) - I CH(4) - NPNG(4) - XBLOYE	BLANK	22	
x , ANS, C, ITHR(4), NOTCH(4), TOTGIM(4), TSELBY  x , MASTGF132,2), IAAGPPD14), ISCNCLN, MAXBUDY, IRFCH(4)  x , IACSTS, CASSTIM, CASSPFR, IAUTO (4), IAUTOCH  x , IPASCUT(4), JTRCE(2,2,4), IHFFG(2), ICHNDAT(4), IACDATX(4)  s , IACDATY(4), IPSVCLR(4), IBOVCNT, IDFX(4)	2	, YBUDYDR, I SONDAT (32), DELTS, NFNGCNT (4), R1 (32), TR2 (32), LL	PLANK	F;	
x , M4STGF(32,2), IAAGPND(4), ISCNCLN, MAXBUDY, IRFCH(4)  x , IACSTS, CASSTIM, CASSPER, IAUTO (4), IAUTOCH  x , IPASCUT(4), JTRCE(2,2,4), IHFFG(2), ICHNDAT(4), IACDATX(4)  s , IACDATY(4), IPSVCLR(4), IBOVCNT, IDFX(4)	-	, AN	PLANK	45	
x , IACSTS, CASSTIM, CASSPER, IAUTO (4), IAUTOCH  X , IPASCUT(4), JTRCE (2,2,4), IHFFG (2), ICHNDAT(4), IACDATX(4)  SS x , IACDATY(4), IPSVCLR(4), IBOVCNT, IDFX(4)	7	M.	SLANK	35	
X JPASCUT(4), JTRCE(2,2,4), THFFG(2), ICHNDAT(4), TACDATX(4)  * JACDATY(4), IPSVCLR(4), IBOVCNT, IDFX(4)  * ALANK 3		, IA	BLANK	36	
55 x .IACDATY(4), IPSVCLE(4), IBCVCNY, IDFX(4)		0.	PLANK	37	
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130 C		۲.	TOUT TOUR	24042		
125 C ELE			11(1) = 04(100004, 51)	3010	2 3	
130 C LEAVE PIT STATUS WOFC ALONE  130 C LEAVE PIT STATUS WOFC ALONE  130 C LEAVE DIT STATUS WOFC ALONE  135 ST BIT 12 IN SECOND BIT STATUS WORD  140 C ST BIT 12 IN SECOND BIT STATUS WORD  140 C ST BIT 12 IN SECOND BIT STATUS WORD  140 C CONTINUE  140 C CONTINUE  140 C CONTINUE  140 C CONTINUE  150 C C C C C C C C C C C C C C C C C C C	U		"	2000	100	
130 C	,			CAUSE	2.1	
130 C TOO CONTRIVUE  130 C TE HADER WORD FRED  140 C THEN 24893)750,400,750  140 C THEN 250,200,200  140 C CONTRUCT  140 C CON			LEAVE PIT STATUS WORL AL	いべつでし	•	
130 C FENDER MODE FREDD  135	7.0	00	CONTINUE	じゃつとい	79	
130 C IF HADER WODE FREDS  THEN WODE FREDS  THEN WODE FREDS  THEN WODE FREDS  THEN SECOND BIT STATUS WODE  BY CONTINUE  ELEMPRIND = C (10030; MIT(2))  FHORMOD = C (10030; MIT(2))  ELEMPRIND = C (10030; MIT(2))  TEALUE = AND (MIT(2))  TALUE = AND (MIT(2))  TALUE = AND (MIT(2))  TALUE = AND (MIT(2))  TALUE = AND (MIT(2))  THEN WODE C CONTINUE  C (17ALUE - AND (MIT(2))  THEN WODE C (2007)  THEN WODE C (2007)  THEN WOUT(2) = MIT ALLES  THEN WOUT(2) = MUT(2)  MUXTBUFNOUT(2) = TVALUE  MUXTBUFNOUT(2) = TVALUE  MUXTBUFNOUT(2) = TVALUE  C (2007)  THEN WOUT(2) = MUT(2)  MUXTBUFNOUT(2) = TVALUE  C (2007)  THEN WOUT(2) = MUT(2)  THEN WOUT(2) = TVALUE  C (2007)  THEN WOUT(2) = MUT(2)  THEN WOUT(2) = TVALUE  C (2007)  THEN WOUT(20	v		NOTE	CMUX2	u,	
135  136  137  138  138  139  140  140  140  140  140  140  140  14			F HEADTR WOOD FR	SKOND	4.	
135  135  136  137  138  138  138  138  138  138  138			F (FHD RWRD) 750,800,75	CMUX2	67	
135  136  60NITNUE = 64 (100009, PIT(2))  ELSE FHORMOD = 0  ELSE FORDINUE = 64 (100009, PIT(2))  LEAVE BIT STATUS MORE ALONE  LEAVE BIT STATUS MORE ALONE  LONINUE = ANOI BIT(1), CCP-L(CLOPIT(1)))  IVALUE = ANOI BIT(1), CCP-L(CLOPIT(1))  IVALUE = ANOI BIT(1), CCP-L(CLOPIT(1), CCP-L(CP-LCP-L)  IVALUE = ANOI BIT(1), CCP-L(CLOPIT(1), CCP-L(CP-LCP-L)  IVALUE = ANOI BIT(1), CCP-L(CLOPIT(1), CCP-LCP-LCP-LCP-LCP-LCP-LCP-LCP-LCP-LCP-	U		THEN	SKUKE	a. u	
135   750   CONTINUE   ENERGY   ELECTED   EL	U		SIT 12 IN SECOND BIT STATUS MO	CMCXZ	90	
### ##################################		5.0	ONTINUE	CXUX)	10	
140 C CONTINUE ELEVE BIT STATUS MOPE ALONE  140 C CONTINUE = ANOT BIT(1), CCPCL(CLOPIT(1)))  1VALUE = ANOT BIT(2), CCPCL(CLOPIT(1)))  1VALUE = ANOT BIT(2), CCPCL(CLOPIT(2)))  1VALUE = ANOT BIT(2), CCPCL(CLOPIT(2)))  1VALUE = ANOT BIT(2), CCPCL(CLOPIT(2)))  1FITVALUE = ANOT BIT(2), CCPCCCS ING HALTED  1FITVALUE = ANOT BIT(2), CCPCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC			TT (2) = 03( 10000 PT	CXIINL	7.1	
140 C CONTINUE  140 C CONTINUE  140 C CONTINUE  140 C CONTINUE  150 C CONTINUE  150 C CONTINUE  150 C CONTINUE  150 C C CONTINUE  150 C C CONTINUE  150 C C CONTINUE  150 C C C C C C C C C C C C C C C C C C C	661		TO A DOOR OF TO COMBOOK	CALLAN	. 22	
140 C			2	100	2.6	
140 C CONTINUE  140 C ENDIF  140 C THEN  SET FLAGS TO PROCESSING HALTED  150 C ENTINUE  150 C ENTIN	) د		00000	27040	, ,	
140	•		LEAVE BIT STATUS MOPE	2×0×3	7 1	
145 C IVALUE1 = AND( BIT(1), CCPPL(CLDEIT(1)))  145 C IF POMPR OFF/CN TEANSTENT HAS OCCURED  150 C SET FLAGS TO PROCESSING HALTED  215 CONTINUE  C STORIC SET FLAGS TO PROCESSING HALTED  150 C ONTINUE  C STORIC SET SECONTS SECONS SECO		3		24087	2,6	
145			NUIT	2×0×0	٥;	
145 C IF POWER OFFICE TO PROCESSING HALTED  150 C SET FLAGS TO PROCESSING HALTED  150 C SET FLAGS TO PROCESSING HALTED  150 C CONTINUE  150 C ENDI  15			do Birth, corel (ologitti)	CAUX C		
145 C IF POWER OFFICN TEANSTENT HAS OCCURED  150 C SET FLAGS TO PROCESSING HALTED  CONTINUE  150 CONTINUE  150 CONTINUE  C ENDIF  C ENTRUE (NOUTBUF + 1  MUXTBUF (NOUTBUF) = IVALUE2  G OT 0 930  C ELSE			40 HIRZI, COMPLICEDEDICZII	SX DED	8	
145 C THEN ENTRY ENTY ENTRY EN	v		YON TEANST	SKOWO	6.	
145 C THEN SET FLAGS TO PROCESSING HALTED  150 C CONTINUE  1PLOCOR=0  1PROINTNUE  C IF 3IT STATUS HAS CHANGED  C IF 3IT STATUS HAS CHANGED  1F 3IT STATUS HAS CHANGED  C IF 3IT STATUS HAS CHANGED  THEN  1FO			ANC. 206008) 815,830	2 K D & D		
150 C SET FLAGS TO PROCESSING HALTED  150 C SET FLAGS  1 PROINT=0  1 PLACE  1 PLACE NEW FAULTS INTO OUTPUT SUFFER  1 PLACE NEW FAULTS INTO SUFFER  1 PLACE N	2			N C PA D	v-1 (a.)	
150	•		GES TO PROCESSING HALT	2×0×2	N S	
150 C ELSE  830 CONTINUE  C ENDIF  C IF BIT STATUS HAS CHANGED  C IF TOWALUE: TVALUE 2) 860, 488, 860  C THEN  860 CONTINUE  860 CONTINUE  NOUTBUF = NOUTBUF + 1  MUXTBUF(NOUTBUF) = IVALUE  60 TO 930  165 C ELSE	31	-1	CONTINUE	2×11×2	ar c	
150			0=23307d1	2×0×2	<b>*</b>	
150 C ELSE  830 CONTINUE  C ENDIF  C IF BIT STATUS HAS CHANGED  C IF GIVALUE1+IVALUE2986.860  C THEN  860 CONTINUE  NOUTBUF = NOUTBUF + 1  MUXTBUF(NOUTBUF) = IVALUE1  MUXTBUF(NOUTBUF) = IVALUE2  60 TO 930  165 C ELSE			I PROINT=0	2×0×0	e e	
CONTINUE  C	ى ن	1	FLSE	2 20 2 2	0 1	
155 C IF BIT STATUS HAS CHANGED  C IF (IVALUE: +IVALUE:) 860, 880, 860  C THEN  C PLACE NEW FAULTS INTO CUTPUT BUFFER  C CONTINUE  NOUTBUF (NOUTBUF + 1  MUXTBUF(NOUTBUF) = IVALUE:  MUXTBUF(NOUTBUF) = IVALUE:  MUXTBUF(NOUTBUF) = IVALUE:  CO TO 900  165 C ELSE	00	~	CONTINUE	N O S O S O S O S O S O S O S O S O S O		
155 C IF BIT STATUS HAS CHANGED  C IF(IVALUE:+IVALUE2)860+880+860  THEN  C PLACE NEW FAULTS INTC OUTPUT BUFFER  CONTINUE  NOUTBUF + 1  MUXTBUF(NOUTBUF) = IVALUE2  MUXTBUF(NOUTBUF) = IVALUE2  GO TO 900  165 C ELSE	0 (		DIF	28080	ac (	
155 C			CHURANC CAN CHARLO FRO	2× () W )	) e	
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160 360 CONTINUE NOUTBUF + 1 MUXTBUF(NOUTBUF + 1 NOUTBUF = NOUTBUF + 1 NUXTBUF(NOUTBUF) = IVALUE1 NUXTBUF(NOUTBUF) = IVALUE2 GO TO 930	•		NATIONAL PROPERTY OF THE PROPE	CXIINU	. 25	
160 CONTRUCE + 1 MUXTBUF(NOUTBUF + 1 NOUTBUF = NOUTBUF + 1 NOUTBUF = NOUTBUF + 1 MUXTBUF(NOUTBUF) = IVALUF2 GO TO 900 ELSF			BESIDE THE FAILTS TATE OUTPIT SHEEF	CMIIX	70	
160 NOUTRUE = NOUTRUE + 1 MUXTRUE(NOUTRUE) = IVALUE1 NOUTRUE + 1 MUXTRUE(NOUTRUE) = IVALUE2 GO TO 900 165 C ELSE	œ	v		C X II & C	50	
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U	CONTENTS TATUS WORDS FROM CUTPUT	CMUX2	2 4
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175	ANY OF THE MESSAGE ERACE BIT	C MOX S	111
	80,1000,980	CMUXZ	112
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ပ	SET BIT 10 OF RT STATUS WORD	CMUX2	7 7 7
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	4NG.160000811380,1100,108	2×0×0	122
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	EN NI - 6399 363	ENDIF	SET ERROR NOFTERN LAST BUFFE SET ERROR NOFOS 2 AND 3	IXFREQUES = IXFRERQ(2), OR, SHIFY (IBFUL1(3), IXFRERR(3)=IXFRERR(3), OR, SHIFY (IBFUL2(3),	60 TO 2400 CONTINUE ENDIF	PP DID NOT TAKE BUFFER, SET ERROR WORD INFREDR(1) = INFRERO(1) .ANN. 48	AUG CONTINUE ENDIF	ENJ CF MODULE		

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145	60 CONTINUE	CMUX2	311	
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	WORD 8.9 - PITCH SINE, COSIN	CMUX2	314	
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	MORD 10,11 - ROLL SINE, CCSIN	CMU X2	325	
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	RI POLL SINE TO 2 S CCMPLEMENT BINAR	CMUX2	327	
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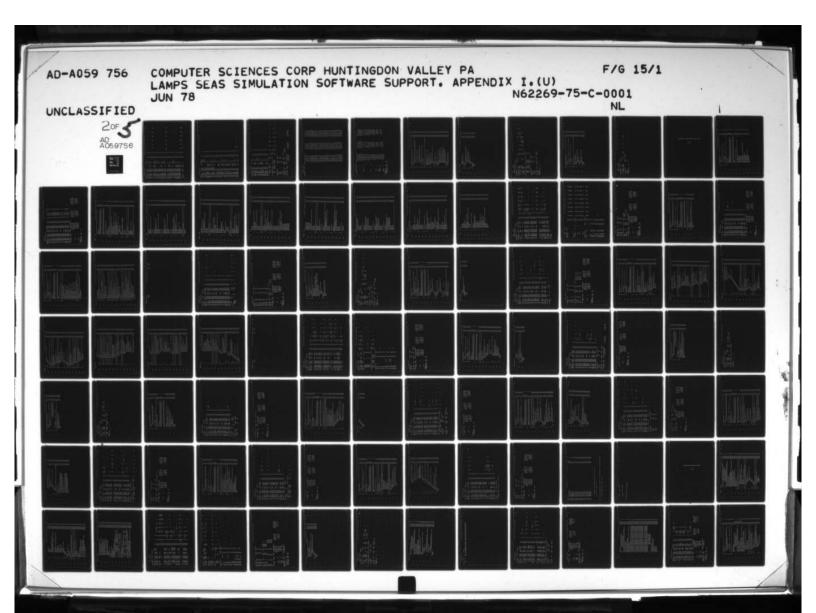
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NORD 31 - LATEST MAD CO	JCN	0 40 × 0	373
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IVALUE = MUXPACK 6	-1.03	CMUXZ	375
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		۵,	HCOS (4)		13	MMSG0 AT (256)		KMMSG (1)	
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COMMUNICATION SYSTEM CONTROL GROUP MODULE

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NET   CONTROL	40	F(50,13), LWINPT(13), NWOUTRT(13), NECVR(8), ), ICH(8), IPFCH(8), IXFPE PR(3), IDATLNK, ), LUPGLK(240), IDAW(2), NAV(20), MASTRF(32,2) OR, IRTSTWC, IOLORT, IDATIN(17), IDATCUT(29), LG9SW, IBFUL1(13), IBFUL2(13), ICSTATE, IOATTR			
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**IATOTOG(3), IOADTPP(86), LUPBLK(E4.0), IDAM(2), NAV123), HASTE(32.2) \$12*LL CONTROL (3), IOADTPP(86), LUPBLK(E4.0), IDAM(2), NAV123), HASTE(10ATTP), WOD STRING (2), IBITSMO, ICLC95*, ISTUME, IDLOR (13), IGSTAFE, IOATTP, WOD COMMONDER (2), IBITSMO, ICLC95*, ISTUME (2), ISTUME (2), IBITSMO, ICLC95*, ISTUME (2), ISTUME (2), IBITSMO, ISTUME (2), ISTUME (	40	),LUPELK(24.0),IDAW(2),NAY(2.0),MASTRF(32,2) OR,IRTSTWC,IOLORT,IDATIN(17),IDATCUT(29), LEGSW,IBFUL1(13),IBFUL2(13),IGSTATE,IOATTR	SIMLL	·	
**CCHMCM/MODULE/IB-TERGOR,TRT5TMC,IOLORT.IOATIMLI7,170ATCU1629), **O** **ICCLOATICS9,191TSWD.ICLC95W.18FULL(143).18FUL2(13).1G5TDTE,1OATTP, **O** **ICCLOATICS9,191TSWD.ICLC95W.18FULL(143).16FUL2(13).1G5TDTE,1OATTP, **O** **ICCLOATICS9,191TSWD.ICLC95W.18FUL1(13).1G5TDTE,1OATTP, **O** **ICCLOATICSPLOATICS	40	OR.IRTSTWC, IOLORT, IDATIN(17), IDATCUT(29), LEGSW,IBFUL1(13), IBFUL2(13),IGSTATE,IOATTR	SIMLL	7	
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**COMMONDELYIS**ERRAGR*, FRYSTAK*, IOLORY 10ATIN(17)*, 17ATCU1(29)**  **COMMONDOULE /**ISTERGOR*, FRYSTAK*, IOLORY 10ATIN(17)*, 17ATCU1(29)**  **COMMONDOULE /**ISTERGOR*, FRYSTAK*, IOLORY 10ATIN(17)*, 17ATCU1(29)**  **COMMONDELY 20 /**ISTERGOR*, 18ATCU1(13)**  **COMMONDELY 20 /**ISTERGOR**  **COMMONDELY 20 /*ISTERGOR**  **COMMONDELY 20 /**ISTERGOR**  **COMMONDELY 20 /*I	40	OR, IRTSTWC, IOLORT, IDATIN(17), IDATCUT(29), LEGSW, IBFUL1(13), IBFUL2(13), IGSTATE, IOATTR	200	2	
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SET INITIAL CONDITIONS  WAKE SURE UHF AUTO IS ON (SOFTWARE CONTROL)  CALL SETABLIT (IDATOUT(8), 15,1)  IOLATIVA BELIDATOUT(2), 15,1)  IOLATIVA BELIDATOUT(2), 15,1)  INITIALIZE DAIA NOPES  CALL SETABLIT (IDATOUT(2), 15,1)  INITIALIZE DAIA NOPES  CALL SETABLIT (IDATOUT(2), 15,1)  SET DAIA NOPES  COLL SETABLIT (IDATOUT(2), 15,1)  SET DAIA NOPES  COLL SETABLIT (IDATOUT(2), 15,1)  SET DAIA NOPES  COLL SETABLIT (IDATOUT(2), 15,1)  SET DAIA NOPES  CONTRIBUTION	MAKEN IN THE SECOND IN THE SEC	11 22/11	5000	14.	STATE OF STREET
SET INITIAL CONDITIONS  MAKE SURE UHF AUTO IS ON (SOFTWARE CONTROL)  CALL SETABLITICATIOUT(8).15.1)  IOATIVA (3) = IDATOUT(8)  SET ALL LEGEN STENDER DATA LINK IS IN ASH MODE  CALL SETABLITICATION (21)  SET ALL RECEIVER SIGNAL STRENGTHS TO MAXIMUM  COLL SETABLITICATION (1)  SET ALL RECEIVER SIGNAL STRENGTHS TO MAXIMUM  ICATOUT(N) = 335678  SCONTINUE  ASSIGN THE BUOY IN CHUTE 1 TO SONO ROVE B  CONTINUE  AND TO	CANTILLA AND CONTILLA AND CONTI	1, 24 (71)	2220	24.	
SET INITIAL CONDITIONS  MACE SUPE UHF AUTO IS ON (SOFTWARE CONTROL)  CALL SETABLY CHONOUTES)  IONDATION 39 = DATOUVES)  IONDATION = DATOUVES)  IONDATION = DATOUVES)  IONDATION = DATOUVES)  INITIALIZE DATA MOPES TO INDICATE UHF = I IS IN OTPH MODE  CALL SETABLY CHOATOUT 22	A COUNTY  COUN		CSTG	43	
MAKE SUPE UHF AUTO IS ON (SOFTWARE CONTROL)  OALL STRABTILIDATOUT(8).15.1)  IOLDAT(8)=IDATOUT(8)  IOLDAT(8)=IDATOUT(8)  IOLDAT(8)=IDATOUT(8)  IOLDAT(8)=IDATOUT(8)  IOLDAT(8)=IDATOUT(2)  IOLDAT(8)=IDATOUT(2)  IOLDAT(8)=IDATOUT(2)  IOLDAT(8)=IDATOUT(2)  IOLDAT(8)=IDATOUT(2)  IOLDAT(8)=IDATOUT(2)  IOLDAT(8)=IDATOUT(1)  IOLDAT(1)=IDATOUT(1)  IOLDATOUT(1)=IDATOUT(1)  IOLDATOUT(1)=IDATOUT(1)  IOLDAT	A CONTINCT OF THE PROPERTY OF	CONDITIONS	CSCG	77	
CALL SETABLITION 15 GN (SOFTWARE CONTROL)  CALL SETABLITION 101 15 GN (SOFTWARE CONTROL)  INTITIALIZE DATOUT(8)  INTITIALIZE DATA WOPES TO INDICATE UHF-1 IS IN OTP! MODE  CALL SETABLITION 101 15 GN (SOFTWARE CONTROL)  ICLORATION 101 101 101 101 101 101 101 101 101 10	A E CONTI		CSUC	4.5	
CALL SETABLICIDATOUT(8)   CSC     CALL SETABLICIDATOUT(8)   CSC     CALL SETABLICIDATOUT(8)   CSC     CALL SETABLICIDATOUT(2)   CSC     CALL SETABLICIDATOUT(3)   CSC	GALL INDITI GALL GALL GALL GALL GALL GALL GALL GAL	UNF AUTO IS ON (SOFTWARE CONTR	5050	w 1	
IONTIALIZE DATAUN(8)  IONTIALIZE DATAUN(10)  INITIALIZE DATA WOPES TO INDICATE UHF-1 IS IN OTPI MODE  CALL SETARITORATOUT(21)  SET DATA WORDS TO INDICATE DATA LINK IS IN ASM MODE  CALL SETARITORATOUT(13)  SET DATA WORDS TO INDICATE DATA LINK IS IN ASM MODE  CALL SETARITORATOUT(13)  SET DATA WORDS TO SEAL STRENGTHS TO MAXIMUM  CALL SETARITORATOUT(13)  SET DATAUN(11)  SET ALL RECEIVER SIGNAL STRENGTHS TO MAXIMUM  COUNTINUE  ENDO  ASSIGN THE BUDY IN CHUTE 1 TO SOND ROVE A  ASSIGN THE BUDY IN CHUTE 2 TO SOND ROVE A  ASSIGN THE BUDY IN CHUTE 2 TO SOND ROVE B  CONTINUE  CONTINUE  CHECK INITIALIZATION  WRITE(6.1)  WRITE(6.2)  WRITE(6.2)  WRITE(6.2)  WRITE(6.3)  WRITE(6.1)  COOG  CHECK ACTION OF ERROR WORDS	HODAH INCLORA SET D SET	(8),15,1	CSCC	7.4	
INITIATIZE DATA WOPES TO INDICATE UHF-1 IS IN OTPI MODE  CALL SETARITIDATOUT(21).1.1.1  ILCLAT(21)=TDATOUT(21).1.1.1  SET DATA WOPES TO INDICATE UHF-1 IS IN OTPI MODE  CALL SETARITIDATOUT(21).2.1.1  SET DATA WOPES TO INDICATE DATA LINK IS IN ASH MODE  CALL SETARITICATOUT(11).0.1  ICLDAT(11)=TDATOUT(11).0.1  ICLDAT(11)=TDATOUT(11).0.1  ICLDAT(11)=TDATOUT(11).0.1  ICLDAT(N)=TSEGR  CONTINUE  ENDO  ASSIGN THE BUOY IN CHUTE 1 TO SONO RCVF A  ASSIGN THE BUOY IN CHUTE 2 TO SONO RCVF A  CONTINUE  AND FIC.  AN	INLIA INLIA INLIA SELLO SELLO INLIA SENDO ANDO ANDO ANDO ANDO ANDO CHENDO CHENDO CHENDO CHENDO	)=IDATOUT(8)	CSTG	a J	
INITIALIZE DATA WORDS TO INDICATE UHF-1 IS IN OTP! MODE  CALL STARFIT (IDATOUT(21).15.1)  CALL STARFIT (IDATOUT(23).15.1)  SET DATA WORDS TO INDICATE DATA LINK IS IN ASH MODE  CALL STARFIT (IDATOUT(18).0.1)  CALL STARFIT (IDATOUT(18).0.1)  CALL STARFIT (IDATOUT(18).0.1)  SET ALL RECEIVER SIGNAL STRENGTHS TO MAXIMUM  OO 3 N=19.20  IDATOUT(N)=73567B  ICLOAT (N)=73567B  ICLOAT (N)=73567B  ICLOAT (N)=73567B  ICLOAT (N)=73567B  ICLOAT (N)=73567B  SENDO  ASSIGN THE BUOY IN CHUTE 1 TO SONO RCVF A  ASSIGN THE BUOY IN CHUTE 2 TO SONO RCVP B  CONTINUE  AND STC.  AND STC.  CHECK INITIALIZATION  WRITE (6.2)  WRITE (6.3)  WRITE (6.1)  WRITE (6.1)  WRITE (6.1)  COCC  CHECK ACTION OF ERROR WORDS  CHECK ACTION OF ERROR WORDS	1 NITE COLL COLL COLL COLL COLL COLL COLL COL	•	2080	6.0	
CALL SETABLIATION (21) +15 +17	CALL ICLDA SET D COLU CONT	S TO INDICATE UHF-1 IS IN OTPI MOD	5383	e,	
SCORPTION   STRENGTHE STANDED   SCORPT   SCORP	ICLDA SET 0 CALL IOLDA CALL IOLDA SET 0	(21),15,1)	csce	**	
SET DATA WORDS TO INDICATE DATA LINK IS IN ASH MODE  CALL SETATITICATURILIAN, 0.1)  CONTROL  ASSIGN THE BUOY IN CHUTE 1 TO SONO RCVF A  CONTINUE  ASSIGN THE BUOY IN CHUTE 2 TO SONO RCVF A  ASSIGN THE BUOY IN CHUTE 2 TO SONO RCVF A  CONTINUE  AND FIC.  AND FIC.  CALL SETATITICAL STANDING  WRITE (6.1)  WRITE (6.2)  WRITE (6.1)  WRITE (6.1)  WRITE (6.1)  WRITE (6.1)  WRITE (6.1)  WRITE (6.1)  CALL PRINT  CALL PRINT  CHECK ACTION OF ERROR WORDS  CHECK ACTION OF ERROR WORDS	CALL IOLDA SET D SET D SENDO ANSIG ANSIG CHECK C	_	5285	25	
CALL SETAPIT(IDATOUT(18),0,1)  SELL SETAPIT(IDATOUT(18),0,1)  SET ALL RECEIVER SIGNAL STRENGTHS TO MAXIMUM  OO 3 N.19,20  IDATOUT(N)=73567B  IDATOUT(N)=73567B  IDATOUT(N)=73567B  SCONTINUE  ASSIGN THE BUOY IN CHUTE 1 TO SONO ROVE A  AND ETC.  OO 4 T=1.8  LOHITINE  4 CONTINUE  CONTINUE  AND ETC.  OO 4 T=1.8  CONTINUE  ENDO  HERTEGE 2)  WRITEGE 2)  WRITEGE 2)  WRITEGE 3)	CALL IOCUBA SET A CONTI A CONTI A NO GENDO CHECK CONTI CHECK CONTI CHECK CONTI CHECK CONTI CHECK CHECK CONTI CHECK	ICATE DATA LINK IS IN ASW MOD	CSCG	מי	
COLONT(18) = IDATOUT(18)	SET DE CONTINUE SE	PATOUT (1 A) . n. 1 3	200	775	
SET ALL RECEIVER SIGNAL STRENGTHS TO MAXIMUM  00 3 N=19,20  1 LATOUTIN)=735678  5 CONTINUE  ENDO  ASSIGN THE BUOY IN CHUTE 1 TO SONO RCVF A  ASSIGN THE BUOY IN CHUTE 2 TO SONO RCVF B  CONTINUE  ENDO  4 CONTINUE  CONTINUE  ENDO  4 CONTINUE  ENDO  CHECK INITIALIZATION  WRITE(6,1)  WRITE(6,1)  WRITE(6,1)  WRITE(6,1)  WRITE(6,1)  WRITE(6,1)  WRITE(6,1)  CHECK ACTION OF ERROF WORDS	A ENDOR		0000	, ,	
DO 3 N=19.20  ICLOAT(N)=73567B  ICLOAT(N)=73567B  ICLOAT(N)=73567B  ICLOAT(N)=73567B  ICLOAT(N)=73567B  SSIGN THE BUOY IN CHUTE 1 TO SONO RCVF A  ASSIGN THE BUOY IN CHUTE 2 TO SONO RCVF B  AND FTC.  4 CONTINUE  ENDO  CHECK INITIALIZATION  WRITE(6.2)  WRITE(6.2)  WRITE(6.3)  WRITE(6.3)  WRITE(6.4)  WRITE(6.4)  WRITE(6.4)  WRITE(6.4)  COCC  CHECK INITIALIZATION  COCC  CHECK ACTION OF ERROR WORDS  CSCC  CHECK ACTION OF ERROR WORDS	COUNTY CO	TAVE OF SHICKER TO MAKE	200	2 4	
3 CONTINUE ENDOC ASSIGN THE BUOY IN CHUTE 1 TO SOND RCVF A ASSIGN THE BUOY IN CHUTE 2 TO SOND RCVF A ASSIGN THE BUOY IN CHUTE 2 TO SOND RCVF A CONTINUE TO 4 T=1.8  4 CONTINUE FOND CHECK INITIALIZATION  WRITE (6.1) WRITE (6.2) WRITE (6.1) WRITE (6.1) WRITE (6.1) WRITE (6.1) COORD CALL PRINT CALL PRINT CALC ACTION OF ERROR WORDS CHECK ACTION OF ERROR WORDS	A POSTIGOR OF THE POSTIGOR OF	TALL STOUBL SINGING IN THAT	0 0 0	200	
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SCONTINUE  BUOY IN CHUTE 1 TO SONO RCVF A  ASSIGN THE BUOY IN CHUTE 2 TO SONO RCVF B  ASSIGN THE BUOY IN CHUTE 2 TO SONO RCVF B  ASSIGN THE BUOY IN CHUTE 2 TO SONO RCVF B  CSCC AND ETC.  CONTINUE  ENDO  CHECK INITIALIZATION  BRITE(6,1)  WRITE(6,1)  WRITE(6,1)  CALL PRINT  CALL PRINT  CSCC  CACC  CAC	A COUNTY CHARACTER A COUNTY C	0.001 1.01 0.0010	0000	0 0	
SCOUTINGE ASSIGN THE BUOY IN CHUTE 1 TO SOND RCVF A ASSIGN THE BUOY IN CHUTE 1 TO SOND RCVP B  ASSIGN THE BUOY IN CHUTE 2 TO SOND RCVP B  ASSIGN THE BUOY IN CHUTE 2 TO SOND RCVP B  COCCE ON 4 1=1.8  A CONTINCE ENDO CHECK INITIALIZATION  BRITE(6,1)  WRITE(6,1)  WRITE(6,1)  WRITE(6,1)  FOOR TO COCCE CALL PRINT CALL PRINT CALL PRINT COCCE CHECK ACTION OF ERROR WORDS	A A NO DO A A A A A A A A A A A A A A A A A A		2000		
ASSIGN THE BUOY IN CHUTE 1 TO SONO RCVF A ASSIGN THE BUOY IN CHUTE 2 TO SONO RCVF B AND ETC.  OO 4 I=1.8 ICHI)=I CONTINUE ENDO CHECK INITIALIZATION**  S FORM THE (5.1) CALL PRINT CHECK ACTION OF ERROR WORDS  CSCO CSCO CSCO CSCO CSCO CSCO CSCO C	A NSSIGN A NSSIGN A NO ET DO 0 4 I I I ENDO 0		5250	60	
ASSIGN THE BUOY IN CHUTE 2 TO SONO ROVE B  ASSIGN THE BUOY IN CHUTE 2 TO SONO ROVE B  AND ETC.  4 CONTINUE  ENDO  CHECK INITIALIZATION  RRIFE(6,2)  WRITE(6,1)  WRITE(6,1)  CALL PRINT  CALC PRINT  CSCO  CS	ANSSEG A A COOL OF LITTER AND CO	2000	2200	110	
## ## ## ## ## ## ## ## ## ## ## ## ##	AND ET PASSES AN	SUCK IN CHUIE 1 10 SUNO KCVF	1000	79	-
AND FIC.  AND FIC.  O 4 I=1.8  ICHI)=I  CONTINLE  ENDO  CHECK INITIALIZATION  WRITE(6.1)  WRITE(6.1)  FOR CHECK ACTION OF ERROR WORDS  CSCG  CSC	AND ET DO 4 I L CONTIN ENDO	BOOK IN CHUIE Z 10 SOND KCVR	CSCC	٠,٠	
LCH(I) = I CH(I) CH(I) = I CH(I) C	DO 4 I 4 CONTIN ENDO CHECK		CSCG	6.4	
LCH(I)=I  CHECK INITIALIZATION  WRITE(6,2)  WRITE(6,1)  WRITE(6,1)  WRITE(6,1)  CALL PRINT  CHECK ACTION OF ERROR WORDS  LOGG  CHECK ENDING CONTRIBLITY  CONTRIBLED  CONTRIBLE	4 CONTIN ENDOO		f STG	52	
4 CONTINLE 6 SCG 6 CHECK INITIALIZATION 8 RRITE(6,2) WRITE(6,1) WRITE(6,1) WRITE(6,1) WRITE(6,1) CALL PRINT CALL PRINT CALL PRINT CSG CHECK ACTION OF ERROR WORDS CSCG CSCG CSCG CSCG CSCG CSCG CSCG CS	4 CONTIN	I=(I)	ودرو	e.	
CHECK ACTION OF ERROR WORDS  CHECK INITIALIZATION  CHECK ACTION OF ERROR WORDS  CHECK INITIALIZATION  CHECK INITIALIZATION  CHECK INITIALIZATION  CONTROL OF THE CONTROL OF	CHECK		0000	67	
CHECK INITIALIZATION  WRITE(6.1)  WRITE(6.1)  WRITE(6.1)  WRITE(6.1)  WRITE(6.1)  WRITE(6.1)  COURTE(6.1)  COURTE(6.1)  CALC PRINT  CALC CHECK MORDS  CHECK ACTION OF ERROR WORDS	CHECK		St.G	ď	
CHECK INITIALIZATION  WRITE(6,1)  WRITE(6,1)  WRITE(6,1)  FOWMAT(6,1)  FOWMAT(1)  CALL PRINT  CHECK ACTION OF ERROR WORDS  CSCG  CSC	CHECK		5052	59	
WRITE(6,2) WRITE(6,2) WRITE(6,5) WRITE(6,5) WRITE(6,5) WRITE(6,5) CALL PRINT CALL PRINT CACC CHOCK CACC CHOCK CACC CACC CACC CACC CACC CACC CACC C		ITIALIZATICN	9080	7.0	
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WPITE(6,5)  FROMAT(25X,"CHECK INITIALIZATION")  FROMAT(25X,"CHECK INITIALIZATION")  GOOG  CALL PRINT  CALL PRINT  CACC  CHECK ACTION OF ERROR WORDS	WRITE (6,	10	9080	73	
5 FORMAT(25X,"CHECK INITIALIZATION")  WRITE(6,1)  CALL PRINT  CALL PRINT  CHECK ACTION OF ERROR WORDS  CSC			Sec	74	
WRITE(6,1) CALL PRINT TSCR CHECK ACTION OF ERROR WORDS USERVICE CHECK ACTION OF ERROR WORDS		."CHECK INITIALIZA	3383	75	
CALL PRINT CHECK ACTION OF ERROR WORDS CSCG	WRITE (6,	11	9050	76	
CHECK ACTION OF ERROR WORDS CSC	CALL PF	TA TA	JOSL	77	
CHECK ACTION OF ERROR WORDS CSC			9050	7.8	
	CHECK	OF ERROR WORD	CSCG	4	

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	WPITE(6,2)	0000	0) 6
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U	SENT FLAG TO 1	9000	25
	CALL FLAGS	9080	63
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U	SENT DATA SENT FLAG TO 1	2000	- F
		CSTG	106
		9080	101
0	CHECK VARIABLES, CALL CSCG, AND CHECK THE RESULTS	5050	108
85		9380	100
	CALL CSCG	5000	1110
U		3050	112
U	ERROR MOPD 1	9585	113
3		ยนรอ	114
	WRITE(6,2)	9282	ሆ. u
	red + usum aua	0 0 0 0	117
0	SET DATA AVAI	9080	118
65		SOC	110
	DAM(2), IT, 1)	9320	120
v	S. C	2352	121
	CALL PAIN	2000	122
100	ENLEG TIVE	9000	124
U	PESET EPPOR WOPDS AND FLAGS	5250	1 2 2
		CSCG	126
	IXFR:24 (2)=0	SEC	127
	L	9252	128
	CALL FLAGS	3355	129
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. :	10 11 11 11 11 11 11 11 11 11 11 11 11 1	9080	2 2 2
	WRITE(6,2)	0280	133
110	WRITE(6,1)	TSC G	134

U	CALL PRINT	9080	1 50
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	SET INITIATE PROCESSING COMMANC IN INPUT PUFFER	دەدو	104
•	6 (3)	1351	75.
د	11111	2000	, u
c	CHECK VARIABLES. CALL CSCG. AND CHECK THE RESULTS	0000	101
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	CALL PRINT	9253	200
U	PESET FLAGS	3283	201
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ပ	G NCRMAL DATA TRANSFER S	9080	507
		1782	202
		2 6	200
	THE DISTRICT	1200	100
•	COLORES AND COLORES OF A CANADA	9351	200
		1050	502
	WRITE (6,60)	9000	210
9	60 FORMAT (30x, "(CSCG TC AVK)")	CSCG	211
	WRITE(6+1)	อนรอ	212
U	SET NORMAL DATA TRANSFER COMMAND IN INFUT BUFFER	TSCE	213
	360758	9050	214
	CONTRACTOR OF THE CONTRACTOR O		110
•	LATE OF CHARLES		212
	24 24 32	2000	212
3	TOTAL CALL VIOLATION OF THE COMPANY	1350	217
		ยรรา	218
ی	CHECK VARIABLES, CALL CLOS, AND CHECK THE PESULYS	נצים	216
	CALL PRINT	9282	220
	CALL CSC6	0000	221
	CALL PRINT	נטונ	222
ပ	PESET FLAGS	9080	223
	CALL FLAGS	อบรอ	524
	WPITE(6.2)	2000	200
	(1-9) STIGH	0000	200
	11 a M	0000	222
	TOT STATES		
•	N# 11 5 1 5 4 7 0 1	378.	222
	CO FOUND (30x. CAY TO COCO.	9080	220
		9250	230
ပ	SET NORMAL DATA TRANSFER COMPAND IN INFUT BUFFER	5085	231
	340618	222	222
	CAUM	2000	222
	THE THE TENER THE THE THE THE THE	9767	22.0
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		CSCE	20.5
	IPT9UFF(8.6)=28	9050	236
	IFT8UFF (9,6)=38	CSCG	237
	IP18UFF(10, 6) = 48	2383	2 3 8
	IRTBUFF (11.6) =58	2250	2 40
	IRT8UFF (12,6) = 68	5255	240
	IRTBUFF (13, 6)=78	1100	274
	TRIBLECTAN	0000	1 0
	TOTALLER (15, 6) at to		24.5
	101011	2000	2
		132	777

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		コレアし	
	IRTSUFF (18, 6) = 148	CSCG	546
	IRTBUFF (19,6) =153	2000	247
	ISTRUCE (20, 6) = 168		2
		0000	
U	ABLUTON OF THE STATE OF THE STA	000	25.5
	)=3	2250	252
O	CHECK VAPIABLES, CALL CSCG, AND CHECK THE RESULTS	CSCG	253
230	M	rSr 6	254
	CALL DSCG	0280	255
	CALL PRINT	5000	256
0	AESET 1 1 46S	9000	25.5
	5	2000	
٠,	0   0   0   0   0   0   0   0   0   0	2000	2 2 2 2
		9000	2 4 5
	5.3	2000	262
	, u	200	2 7 2 2
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		3080	2 4 6
	WRITE(6.1)	2000	266
U		5385	267
3	CHANGE UHE MODE	0000	2 2 2
	,	CSCC	250
	WOTTE (6.2)	2000	276
		2000	27.0
	TYPE MODE THE MODE SETTICH	2000	27.0
c	CHANGE ANITCH AFTING FROM OIPT TO ADE MAGE	CSTG	27.2
B	ARTICIATORGETT 3-13	2775	274
S	PIABLES. CALL	TSCC	275
	IN.	5050	276
	CALL OSCG	9050	277
	CALL PRINT	2000	278
2	RESET FLAGS	CSCG	279
	CALL FLAGS	SCG	2 8 0
S		CSCC	281
3	CHANGE UHF MODE	2000	282
S		5050	202
260		2352	284
	HRITE (6.95)	CSCG	282
	LAX. "CHANGE SATTCH SETTING FROM ADE	2555	2 8 6
C	CHANGE SWITCH SETTING FROM AFF MORE TO OTPI MORE	5000	207
	TABITCIATOTCG(1), 0, 0)	5050	288
	OT HOUSE WITH MORE CAN LICENCE AND	נייני	200
	The state of the coop and control to the coop and the coo	2000	000
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	CALL DETAIL	0000	200
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, c	CH INNAHO BHE HAVE	200	200
, e		3453	207
	TELE	0300	200
275		CSCG	566

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•	110 FCOMAT(24X, "SET UHF-1 CHANNEL TO 1")	0000	E .
٠	CETARTE CH		100
	CALL PRINT	0250	303
	CALL CSCG	5083	304
,	CALL PRINT	1350	300
د	CALL ELACS	9000	200
•	,	5252	80 %
	SET UHF CHANNEL TO 6	9383	(M)
. 0		5383	310
	WPITE(6,2)	9080	311
	WPITE(6, 120)	0252	312
4	AT (24X, "SET U!	0000	313
ပ	UHE-1 CHANNEL NUM	ددد	314
	,	2280	315
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		0000	35.0
U	A SECTION OF THE SECT	5286	321
	CALL FLAGS	1516	225
U ·		2001	323
S	SET UHF CHANNEL TO 18	9080	354
S		CSCE	325
	WRITE(6,2)	5783	326
	WPITF(6,130)	9080	327
	CHANNEL	9383	328
v	SET UHF-1 CHANNEL NUMBER TO 18	9060	329
	IAT0T0G(3)=0	9080	330
The same of the same of	CALL SETABLIFILATOTOG(3),9,1)	CSCE	331
	CALL SETABLICIATOYCG(3).11.1)	2000	332
	GALL PRINT	2000	2 2 2
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ی و	SET CHE CHANNEL 10 32	3 3 5 2	o
2		4357	340
	WAIT 6.52	2506	341
	WRITE(6,140)	9252	342
-	40 FORMAT (24x, "SET UHF-1 CHANNEL TO 32")	3553	272
v	SET UHF-1 CHANNEL NUMBER TO 32	2252	344
	CALL SETABIT(IATOTCG(3), 9,0)	SUG	345
	CALL SETAPIT (IATOTOS (3)-7-1)	700	471
			21.7
		2000	7 .
	CALL SELABILITATOLICE(SI + 10+1)	2 (0)	0 0
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		2250	350
	CALL PRINT	CSCC	351
0	RESET FLAGS	5080	352
	CALL FLAGS	9353	353

	_		2000	45.5
			2282	357
	v	D/L MOTE	2723	800
335			2757	0.0
		WK115 [6.2]	2000	200
				362
		FORMAT (25%, "CACA FXTERNA" INFUTS")	2050	1 6 6
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v		ZK=2	2050	4 60
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		GALL FLAGS	2085	212
	u	1	3080	376
		SONOBUOY RECEIVER SIGNAL STRENGTH	อบรอ	317
			5000	378
2		SPITE (6.2)	SCE	375
		WPITE(6,165)	9050	3.80
	165	FOUNDATCEDX** SONC RCVR SIGNAL STURNGTH ++::	3383	3 22
		HE POSTION OF THE HELD	200	a.
		1131=1000	2252	, A.
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		HEI 0 (15) = 1000	9080	3 25
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		SOUTH THE SOUTH	2000	0 6
		COUNTY AS A CONTROL OF	1300	100
		TOPOTA TOTAL	1350	250
		HUCVEM (3+1)=1000.	CSCE	353
0	200	CONTINLE	9080	7000
		BUOYPW (2, 4) = -2000.	2282	100 P
		BUOYEW (3,8)=1000.	9050	306
	<u>-</u>	CHECK WARIABLES, CALL CSCG, AND CHECK THE PESULTS	9354	367
		CALL PRINT	9150	0'0
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		TATE OF THE PROPERTY	5150	007
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	C	CONTRACTOR CONTRACTOR AND CONTRACTOR	5256	5 ·
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			2250	204
	v	CHECK VARIABLES, CALL CSCG, ANT CHECK THE PESULTS	9383	0 0
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SYMBOLIC REFERENCE MAP

DOIVER

PROGRAM

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PAGE

	FRAV	RELOCATION SIMULAT	REFS	400 4	27.	DEFTNED	36.3	40.7	355	366
4	AFRAY	SIMULAT	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 2	DEFTNED	10.00	360 DEFINED	100	131	394
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4		MODULE	u.	10	FFT	7.4				
		SIMULAT	L	ľ	EFINE	345				
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		20100	. "	2.4		4				
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		DRIVER	14	7	,	•	,	,		
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FILE ANGE   1100	PROGRAM	IM DRIVER	a			696 8698 6	TN V3.0-P380	10 CPT=1	78/06/12.	15.13.24.	PAGE	0
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	DRIVER				090 000	CDC 6500 FTN V3.0-P390	CPT=1	78706/12. 15.13.24.	040
STATEMENT L. SELS		DEF LINE	BUNBADADA	SECN		0			
150	FMT	339	338						
7262 160 F	FMT	343	342						
165	FMT	357	356						
200		370	367						
	FMT	382	381						
230	FMT	393	392						
550	FMT	101	403						
LOOPS LABEL	INDEX	FROM-TO	LENGTH	PRCPERTIES					
	z	33 36	28	INSTACK					
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COMMON BLOCKS	LENGTH	MEMBERS -	BIAS NAME (LENGTH)	(LENGTH)					
SIMULAT	1463	0	IRTRUFF (650)	1059	٠	650 LWINDT (13)		663 NACLTOT (13)	
		676		(8)	٠	BUCYOW			
		1028	HOE	(8)	10	ICFCH		TXFRE	
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		1137	LUPalk	(540)	13				
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MODULE	110	63	a: L	(1)					
		K	IOLDRI	(1)				21 IDATOUT (29)	
		50	IOLCAT	129)					
		81	IBF UL1	(13)					
		108	IDAITS	(1)					
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6666 FIN V7.0-P346

PAGE

	MAP
E FLAGS	REFERENCE
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SUBSCUTINE	SYME

REFERENCES

DEF LINE

ENTRY POINTS

												72																			63 NWOUTE	700	344 IXFRE	51 ICADIE	379 NAV				80 ICLEBSWILD				
17				2	DEFINED 30							34 DEFINED															17					8U07RW (320)		0	0AW (2)		ERROR (1)	DATIN (17)	9 ITSWD(1)	RFUL2 (13)	IRTTP (11)		
16	1.7	2.7	22	c)	2	2	17	22	17	22	22	7.	22	17	22	22	22	22	17	17	22	22	17	17	17	17	15	17	17			6.84 8	236		377						109 I		
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	MODULE	110	0	81			
			2	IOLDRY (1)		4 IDATIN (17)	21 ICATOUT (29)
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490 1572B 3045B STATISTICS PROGRAM LENGTH COMMON LENGTH

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IRTPUFF(IB.6)=0  THEOR FOR BUFFER MRAP AFOLND  THEOR SUPFER MRAP AFOLND  IF IR IS CPEATER THAN NUMBS GO TO 105  IF IR IS CPEATER THAN NUMBS GO TO 105  THEN  RESET POINTER TO REGINNING  GO TO 105  CHECK FOR EQT  CHECK FOR EQT  CHECK FOR EQT  CHECK FOR EQT  THEN  FEST NAULS IF  IF IR SOUALS IF  OF COTO  C			2000	7 20
THE TRANSPORTED THAN NUMBER TO REGINNING  THE RESET POINTER TO REGINNING  FEST POINTER TO REGINNING  CHECK FOR EQT  THEN SOUALS IF  IF IR SOUALS IF  IF IR SOUALS IF  NUMBER PROCESSING SECTION  CONTROLL  CONTR	,	(I8,6)=	2082	787
IF IB IS GPEATER THAN NUMBEDS  IF IB IS GOUNTER TO BEGINNING  IF IB IS GOUNTER FROCESSING SECTION  GO TO 130	•		0000	0000
IF IB IS GREATER THAN NUMBS  THEN  THEN  ESET POINTER TO BEGINNING  GO TO 105  ELSE  CHECK FOR EQT  CHECK FOR EQU  CHECK FOR EQT  CHECK FOR EQT  CHECK FOR EQU  CHECK FOR EQT  CHECK FOR EQT  CHECK FOR EQU  CHECK FOR EQU  CHECK FOR EQU  CHECK FOR EQT  CHECK FOR EQU  CHECK FOR E		NICES GEORGE	2000	) U V
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IUPS=AND (IFITSWD, COMPLIOLOBSW))  CONTRIBER OF FOUAL TO ZERO  THEN  COAD THE INPUT ARBAY  COAL SETABLY (IPTSTWD, D.1)  COAC COAC  COAC  COAC COAC  COAC COAC  COAC COAC  COAC COAC  COAC COAC  COAC COA		or chance in sit states	000	
IF TUPS NOT FOUND TO ZERO  IF (IUPS-E0.0) 60 TO 210  THEN  LOAD THE INPUT ARPAY  LOAD THE INPUT ARPAY  LOAD THE TREAD THE RESTATUS WORD  CALL SETABLY (IPSTWD, D.1)  RESET THE WORD COUNTER  RESET THE WORD COUNTER  RESET THE WALUE OF IOLDPSW  CSCG  COTO 200  RESET THE WALUE OF IOLDPSW  CSCG  CSCG  COTO 200  RESET THE WALUE OF IOLDPSW  CSCG  C	,	TIMES TO TOTAL TOWNS OF THE TANK ENDIN		α.
THEN THE INPUT ARPAY  LOAD THE INPUT ARPAY  LUPRIK(202)=IUPS  SET THE TO FAIT IN THE RT STATUS WORD  CALL SETABLIT (IPTSTWD, 5,1)  PESET THE WOPE COUNTER  NPPWDS=2  CCTO 200  CCTO 200  CSCC  CSCC  CCTO 200  CSCC  CSC		E THE NOT FOILS TO 7FE	0	
THEN  LOAD THE INPUT ARPAY  LUPPLK(202)=IUPS  SET THE TYF BIT IN THE RT STATUS WORD  CALL SETABIT(IPTSTMD.5.1)  PESET THE WOPE COUNTEP  CSCG  PESET THE WOPE OF IOLOPSW  TCLORSW=IRTISMD  CSCG  CCCC  ELSE  NO J TO 1 TRANSITIONS IN BIT STATUS WORD  CSCC		2 C		
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PAGE COC 6500 FT" V3.3-P380 CPT=1 78/06/12, 15.13.24. 1034 0300 RETURN SUBROUTINE CSCG

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SIMULAT SIMULAT SIMULAT

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CN	MODULE/IB, IERROR, IRTSTWC, IOLORY, IDATIN(17), IDATCUT(29),	00.2
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1190 CONTINUE END	190 IBFUL2(6)=0 200 CONTINLE ENDIF RETURN END		00000

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78/06/12. 15.13.24.	0				NKCUTRT 1133
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SUBSOUTINE	JIINE CSCGNOP	G	CAC 6600 FIN V3.0-P340 OPT=1	78/06/12, 15.13.24. PAGE 4
COMMCN BLOC	LENGTH	MEMBERS - BIAS NAME(LENGTH) 1028 ICH (%) 1047 IDATLNK(1) 1137 LUPBLK (240)	1036 IPFCH (8) 1948 IATOTOG(3) 1377 IDAW (2)	1944 IXF9FFF (3) 1951 ICAOTPF (36) 1779 NAV (20)
₩ OBULE	E 110	1399 MASINF (64) 0 18 (1) 3 IOLORI (1) 50 IOLOAI (29) 81 IRFULI (13) 108 IOAITP (1)	1 IERROR (1) 4 IDATIN (17) 79 IPITSWD(1) 94 IBFULZ (13) 109 IRTTR (13)	2 IRTSTAGUT) 21 IDATOUT(29) 80 ICLOBSW(1) 107 IGSTATE(1)
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	SUBROUTINE SETABIT (JEORD, NBIT, NUM)		ABSTCACT	SETABIT SETS A SPECIFIED EIT TO D OR 1 IN A GIVEN WORD	CALLING PARAMETERS- 1. JWCRD- WORD IN WHICH BIT IS TO BE	2. NBIT- BIT NUMBER OF BIT TO BE RESE	(THE FIRST BIT IN JACRD IS BIT OF	3. NUM- THE PESET VALUE OF THE BIT		COBING HISTORY	1. PROGRAMMED J. MANGES 12/19/77	END CF ABSTRACT		SUBROUTINE SETABIT (JKOPO,NBIT,NUM)	DIMENSION NMASK(16)	DATA NWASK/1777768,1777758,1777738,1777676,1777578,1777378,	*1776778,1775778,1773778,1767778,1757778,1757778,157778,	*1377799,0777778/	JHORD=(JWORD-AND-NMASK(NBIT+1)).CR.SHIFT(NUM.NBIT)	RETURN	CZU
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<b>НАР</b>	REFERENCES 21	PELOCATION F.P. AFPAY F.P.	ARGS DEF LINE 2 INTRIN	52										
SYMBOLIC REFERENCE M	ENTRY POINTS DEF LINE 2 SETABIT 15	VARIABLES SN TYPE 0 JHORD INTEGER 0 NBIT TYTECER 11 NMASK INTEGER 0 NUM INTEGER	INLINE FUNCTIONS TYPE A	STATISTICS PROGRAM LENGTH 318				* * *					3 4	

PAGE

CDC 6500 FYN V3.0-P180 OPT=1 79/06/12. 15.13.24.

SUBRO THE SETABLE

	3	5050	1116	
	C SUBRCUTINE READBIT (JWORD, NBIT, NEWWOD)	0000	1117	
	O	5085	1118	
	C ABSTFACT	0000	1119	
2	C PERDRIT EXTRACTS AND RIGHT JUSTIFIES A GIVEN BIT MITHIN A	5000	1120	
		SCO	1121	
	CALLING PARAMETERS-		1122	
	1.		1123	
			1124	
10			1125	
	3. NEWWRD- PIGHT JUSTIFIED RETURN VALUE	SUC	1126	
		5253	1127	
	C CODING HISTORY	9353	1128	
		9353	1129	
15	CNE	SUC	1130	
		9383 -	1131	
	SUBSCUTINE READBIT (UNOFD, NBII, NEWWRD)	353	1132	-
	L=SHIFI(18, NBIH)	2250	1133	
	NEXNOCESHITT(AND(J. CRORD), - NBIT)	CSCC	1134	
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COF 6600 FTN V3.9-P380 OPT=1 78/06/12. 15.13.24.						
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SUBPOUTINE REACBIT SYMBLIG REFERENCE MAP	ENTRY POINTS 2 READBIT	VARIABLES SN	O SONO	C NEWWAD	INLINE FUNCTIONS TYPE AND NO TYPE SHIFT NO TYPE	STATISTICS PROGRAM LENGTH

2		5316	7 7 7
S	SUBSOUTINE PACKPP (NRT NPPMES)	5555	11
0		5353	1130
0	APSTRACT	CSLC	1140
2		CSCC	1171
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0		0000	1143
0	CODING HISTORY	5050	1174
0		0250	1145
13	END OF ABSTOACT	2000	1146
	-	Dasa.	114
	SUBSOUTINE PACKPPINET, NPPMDS)	SCG	1148
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	COMMENSIMULAT/IRTBUFF (50,13), LWINRT(13), NWOUTPT(13), NRCVP(9),	STMLL	Ī
	*BUOYEN(10.32).HELO(24).ICH(8).IRFCH(8).IXFEERR(3).IDATLNK.	SIMIL	
	*IATOTOG (3), 10ADTPP (86) , LUPBL K1240) , IDAW(2) , NAV (20) , MASTRF (32, 2)	SIMUL	
G		SIFLL	
20 62		MOD	
	COMMON/MODULE/IB, IERROR, IPTSIME, IOLDRT, IDATIN(17), TDATCUT(29),	002	
	*IOLDAT(29), IRITSWD, ICL D9SW, IBF(L1(13), IBFUL2(13), IOSTA1E, ICATTR,	CO.4	7
	* IN 1 4 5	002	r.
S		002	4,
52	XPITE(6.5)	SSCG	1151
	5 FORMAT (//2x,"***** RESULTS OF FACKPP CALL ****"//)	2082	1152
	WRITE(6,10) IOADTPP(96)	DOSD	1153
	10 FORMAT (2X,"HEADER WORD IN OUTPUT ARRAY", 2X, 08/1)	SCG	11 54
		2002	1155
30	20 FORMAT(2X, CONTENTS OF THE INPLT ARPAY")	5050	11 56
0		CSCC	1157
		5355	1150
	DO 30 I=201, IALL	CSCG	1150
	CALL BITS(LUPBLK(1),9)	5253	1160
35	30 CONTINUE	5050	1161
O		5080	1162
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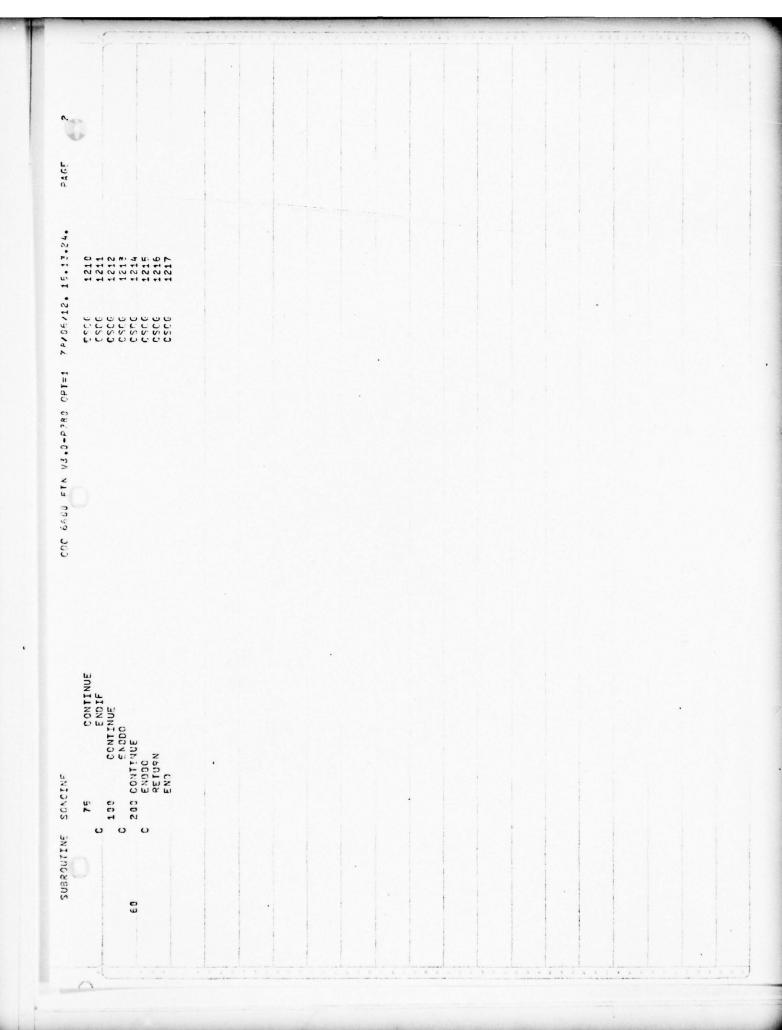
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	SUBPOINT	SUBPOUTING PACKED	a		٥	10c 6603	COF 6603 FTN 93.3-P380 CPT=1 78/06/12, 15.13.24.	F T= 1	78/06/12.	15.13.24	. PA
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COMMON	BLOCKS	LENGTH	MEMBERS -	PIAS NAM	MEMBERS - BIAS NAME (LENGTH)						
	STMILLAT	1463		G IPTPUFF (650)	(650)	650	LHINOT (13)		F. C. M.	NFOCIEN	13)
			57	S Necks	(8)	F 84	BUOYPH (320)		1004	HELC "	241
			102	B TCH	(8)	1036	IPFCH (8)		1001	IXFREDO	33
			104	1047 IDATLAK(1)	(1)	1048	TATOTOGIAL		1061	TCACTPF	461
			113	1137 LUPPLK (240)	(240)	1277	1377 IDAW (2)		1379	121 VAN 9751	20)
			139	1399 MASTRF (64)	(64)						
	4000	110		0 13	(1)		1 TERRES (1)			IRTSTAC	13
				3 TOLDRI	(1)	3	IDATIN (178		23	TOATCUT	291
			U	O TOLDAT	(54)	6.2	11) UNSTIBL 67		9.0	ICL DBSW	10
			63	81 IBFUL1 (13)	(13)	76	94 IBFUL2 (13)		107	107 ICSTATE (1)	11
			10	108 IDATTE (1)	173	109	I IPTTR (1)				

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STATISTICS PROGRAM LENGTH COMMON LENGTH



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SYMB. IC REFERENCE MAP

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	79 CONTINUE	CSCG	1264
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	THU THE	0000	1267
	C DO WHILE L IS LESS THAN THENTY-NINE	3783	1268
	90 199 L=17,29	9050	1269
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		3153	1272
	SET FLAG TO TRANSMIT THE DATA MORDS	5353	1273
	IDATTR=1	CSEG	1274
	60 10 75	3 253	1275
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	C CONTINUE TO LOCK FOR DATA WOED CHANGES	2253	1277
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	CELONIE	3353	1279
	100 CONTINUE	CSCG	1280
	000Ni	5085	12.81
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	C RESET THE VALUES OF THE CLD CATA WORDS	5050	12,3
	:	33S3	1284
-	RESET THE VALUE OF	9353	1285
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	250 I=2,29	2382	1287
-	ICLDAT(I)=IDATCUT(I)	0000	1288
	200 CONTINUE	5385	1289
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MEMBERS - RIAS NAME(LENGTH)

0 IPTRUFF(550)

676 NRCVR (A)

1028 ICH

1137 LUPRUK (240)

1399 MASTRF (64)

6 IB

3 ICLORY (1)

50 IOLCAT (29)

41 IBFUL1 (13)

108 IDATTR (1) 1573 30458 LENGTH 1463 110 STATISTICS PROGRAM LENGTH COMMON LENGTH 9LOCKS SIMULAT MODRE

659 LWINST (13) 684 BUCYSW (320) 1036 IPFCH (8) 1648 IATOTOG(3) 1377 IDAW (2)

1 IERROR (1) 4 IDATIN (17) 79 INITSAD(1) 94 INFULZ (13) 109 IRTTR (1)

2 IRTSTWD(1) 21 IDATCUTT29) 90 ICLCBSW11) 107 IGSTATE11) 10% HFLC (24) 10% HFLC (24) 10% IXFREAD(8) 10% ICADTFF(86) 1379 NAV (20)

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C SET THE CONSTANT C=DWAY/7 hHERE DMAX IS THE DISTANCE AT WHICH CSCC 330 CHOUS SIGNAL STRENGTH JUST REACHES 7E00 CSCC 331 CSCC 332 CHOOMS SIGNAL STRENGTH STATUS CC CSCC 331 CSCC 332 CSCC 333 CSCC 334 CSCC 33		IOLDAT (29), ISITSWO, ICLOSSW, IBFULI(13), IBFUL2(13), IOSTATE, IDATTR	C 0 2	, <b>7</b> (
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C CHECK STATUS OF DATA LINK MODE (ASH OF ASHD)  C CHECK STATUS OF DATA LINK MODE (ASH OF ASHD)  C CHECK STATUS OF DATA LINK MODE (ASH OF ASHD)  C F DALL MODE IS ASH  I FLOAT LINK NELL) GC TO 19  C SELS STATUS OF DATA LINK MODE (ASH OF ASHD)  C SELS STATUS OF DATA LINK MODE (ASH OF ASHD)  C SELS STATUS OF DATA LINK MODE (ASH OF ASHD)  C SELS STATUS OF DATA LINK MODE (ASH OF ASHD)  C SELS STATUS OF DATA LINK MODE (ASH OF ASHD)  C SELS STATUS OF DATA LINK MODE (ASH OF ASHD)  C SELS STATUS OF DATA LINK MODE (ASH OF ASH ASE DATA LINK MODE (ASHD)  C CON THAT CONDAINE FRANCE FROM HELD TO BUDY ASSIGNED TO ROVE UNIT SOCIAL STATUS (ASHD)  C CON THAT CONDAINE FRANCE FROM HELD TO BUDY ASSIGNED TO ROVE UNIT SOCIAL ASSIGN A MUSICAL ASSIGNAL STRENGTH FOR FACH PECTIVE CONTAINS  C DO WHILE K IS LESS THAN SEVEN CONTAINS ASSIGNAL STRENGTH FOR FACH PECTIVE CONTAINS ASSIGNAL ASSIGNAL ASSIGNAL STRENGTH FOR FACH PECTIVE CONTAINS ASSIGNAL ASSIGNAL ASSIGNAL STRENGTH FOR FACH PECTIVE CONTAINS ASSIGNATION TO THE ASSIGNAL ASSIGNAL STRENGTH FOR FACH PECTIVE CONTAINS ASSIGNATION TO THE ASSIGNAL ASSIGNAL STRENGTH FOR FACH PECTIVE CONTAINS ASSIGNATION TO THE ASSIGNAT	,	ATA C/1000.	2000	, M
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C CHECK STATUS OF DATA LINK MODE (ASW OF ASWD)  C IF DAL MODE IS ASW  IFTIGATION, NE.1) GC TO 19  GALL SETABIT(IDATCUT(18), D.1)  GALL SETABIT(IDATCUT(18), D.1)  C CALL SETABIT		DATE PERIPH EQUIPMENT OPERATING STA	0080	1
C CHECK STATUS OF DATA LINK FODE (ASH OF ASHD)  C CHECK STATUS OF DATA LINK FODE (ASH OF ASHD)  C SET BIT 0 IN ICATCUT(18) TO 1  C ALL SETABITITIDATCUT(18), 0, 1)  C CALL SETABITITIDATCUT(18), 0, 0)  C CALL SETABITITIDATCUT(18), 0, 0)  C CALL SETABITITIDATCUT(18), 0, 0)  C CONTINUE  C CONTINUE			0000	17
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C ELSE  SFT BIT 0 IN ICATCUT(14) TO 0  CALL SETABIT(TDATCUT(14), 5,0)  COCC 132  COCN INTERPORTED TO 0  COCC 132  CONTINUE  CO	3	ALL CETABLETTOATCHE (AND DE		7 7
C SET BIT 0 IN ICATCUT(19) TO 0  SALSE  COLL SETABIT(TDATCUT(19) TO 0  COLL SETABIT(TO 0  COLL SETABIT(TDATCUT(19) TO 0  COLL SETABIT(TO 0  C		0 10 20	0000	
C CALL SETABIT(TOATCUT(19) TO 0  CALL SETABIT(TOATCUT(19), G, 0)  CONTINUE  C ENDIF  C ENDIF  C CONTINUE  C CONTIN	C	181	CSCC	W)
CALL SETABIT(TDATCUT(13),5,0)  20 CONTINLE  20 CONTINLE  C ENDIF  C ENDIF  C LCDP THRU FOR FIGHT SONOBUCY RECEIVER UNITS  C DO WHILE K IS LESS THAN EIGHT  C DO CALCULATE THE DISTANCE FPRM HELD TO BUDY ASSIGNED TO FOUR UNITS  C DO CALCULATE THE DISTANCE FPRM HELD TO BUDY ASSIGNED TO FOUR UNITS  C DO CALCULATE THE DISTANCE FOR HELD TO BUDY ASSIGNED TO FOUR UNITS  C C C C C C C C C C C C C C C C C C C		SET BIT 0 IN ICATCUT(18) TO	3383	32
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CONTINENT SONOTOUT RECEIVER ONLY SONOTOUT SONOTO		CHARLE CURRENT OUR PROPERTY OF THE PROPERTY OF		200
COLCULATE THE DISTANCE FPRM HELO TO BUDY ASSIGNED TO FROVE UNI FOR 133 DIST(K) = SORT((HELO(13) - BUCYPW(2, ICH(K))) **2 + (HELO(14) - BUCYPW CSCC 133 CS + CSCC 133 CSCCC 133 CSCCCC 133 CSCCCCC 133 CSCCCCC 133 CSCCCCC 133 CSCCCCCC 133 CSCCCCCCCCCC	ی و	CONTINUE OF TAXABLE SOCIOUS PROFILES OF TAXABLE PARTY OF	0000	7 7
CALCULATE THF DISTANCE FPCM HELD TO BUDY ASSIGNED TO FDVR UNI FSCR 1332 DIST(K)=SORT((HELD(13)-BUCYPW(2,ICH(K)))**2+(HFLD(14)-BUCYPW CSCC 1332 (3,ICH(K)))**2+HELD(15)**2) CSCC 1332 ASSIGN A NUMBER (G-7) TO THE SIGNAL STRENGTH FOR FACH RECEIVE CSCC 1333 CSCC 1333 DO WHILE N IS LESS THAN SEVEN	,		0000	7
PIST(K)=SORT((HELC(13)-BUCYPN(2,ICH(K)))**2+(HELC(14)-BUCYPN CSC 133 (3,ICH(K)))**2+(HELC(14)-BUCYPN CSC 133 ASSIGN A NUMBER (G-7) TO THE SIGNAL STRENGTH FOR FACH RECEIVE GSCG 133 CSC 133 AND SEVEN SEVEN STRENGTH FOR FACH RECEIVE GSCG 133 CSC 133	2	CALCULATE THE DISTANCE FPOM HELD TO BUDY ASSIGNED TO RIVE U	1000	. ~
* (3+ICH(K)))**2+HELO(15)**2) C ASSIGN A NUMBER (G-7) TO THE SIGNAL STRENGTH FOR FACH RECETUF CSCG 133 C DO WHILE N IS LESS THAN SEVEN		= SORT ( THEL C (13) - BUCYPW (2, I CH(K))) **2+ THFLO (14) - BUCYP	CSCC	L.)
C ASSIGN A NUMBER (G-7) TO THE SIGNAL STRENGTH FOR FACH RECEIVE CSCG 133		(3.ICH(K))) **2+HELO(15) **2)	0050	1.7
C DO WHILE N IS LESS THAN SEVEN	O	A NUMBER (G-7) TO THE SIGNAL STRENGTH FOR FACH RECEI	9350	6,
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COC 6400 FT% V7.0-0380 CPT=1	IF DISTIKED GE (N-1)*C AND LT N*F	IF ((DIST(K), LT, (N-1) "C), CR, (CIST(K), GE, N*C)) GO TO 90	2351	ASSIGN SIGNAL STRENGTH LEVEL 8-N TO DIST(K)	ISICSTR(K)=8-N	GO TC 200	⊕ L S E	CONTINUE LOCPING THROUGH DISTANCE INTERVALS	CONTINUE	L.HOZ b.	CONTINUE	OCCU	SINCE LOOP IS EXHAUSTED DISTIN IS SO LARGE THAT ISIGSTRIN-0	ISIGST R(K) #D	正 コズド トプログ	00000	ZERO DLI STATUS MOPD 18	I BATCUT (19) = 9	INSERT SIGNAL STRENGTH FOR RECEIVER UNITS A.B.E.F	IDATOUT (19) =OR(IDATOUT (19),SHIFT (ISIGSTR(1),12))	IDATOUT(19) = OR(IDATOUT(19), SHIFT(ISIGST9(2), 8))	IDATOU! (19) = OR(IDATOUT(19), SHIFT(ISIGSTR(5), 4))	IDATOUT(19) = 0R(IDATOUT(19), ISIGSTR(6))	ZERO OLT STATUS WORD 19	IDATOUT (20) = 0	INSERT SIGNAL STRENGTH FOR RECFIVER UNITS C.D. G.H	DATCUT (20) =0R(IDATOUT (20)	ID4TC17 (20) = 0R(ID4TCUT (20), SHIFT (ISIGSTR(4), 8))	IBATOUT(20) =0P(IDATCUT(20),SHIFT(ISIGSTR(7),4))	IDATOUT(20) = OR(IDATCLT(20), ISIGSTP(8))	RETURN	END
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				41 REFERENCES 75
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30	DE SELECT S	CH SETTING	5080	1380	
	CALL READBITGIATOTO	G(1),0,1)	2000	1390	
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	C CHECK THE UHF-1 CHANNE	L SELECT TENS SWITCH SETTING AND COPY IT	5050	1403	
4			CSCG	1404	
	I1=AND(IATOTOG(3), 2000	1 ii	5000	1405	
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	IDATCUT (13) =OR (IDATCUT	(13), SHIFT (11, -5))	CSCG	1407	
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SUBSCHIENE HOLCO	43101		COG 6600 FTN V7.0-P390 CPT=1 78/06/12. 15.13.24.	78/06/12. 15.13.24.	PAGE
COMMON ALOCKS LENGTH SIMULAT 1463 MODULE 116	463 116	MEMBERS - SIAS NAME(LENGTH)  0 IRTBUFF (55)  676 NFOUR (3)  1028 ICH (8)  1137 LUPRIK (1)  1399 MASTRF (64)  0 IR  3 IOLGRI (1)  50 IOLGAI (20)  81 IRFULI (13)	6f0 LMINRT (13) 684 BUCYRW (32) 1036 I9FFH (8) 1048 IATOTGG(3) 1377 IFAW (2) 1 IFFCO (1) 2 IDATIN (17) 79 IBITSHO(1) 94 IPFULZ (13) 109 IRTTR (1)	663 NACUTAT (13) 1304 HELC (24) 1044 INFREST (3) 1054 ICANTER (86) 1379 NAV (20) 2 IPTSTAC (1) 21 ICATOUT (29) 80 ICLOBSM (1) 107 ICSTATE (1)	
STATISTICS PROGRAM LENGTH COMMON LENGTH	30 6 5 8	1573			

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STATEMENT LUFLS		DEF LINE		REFERENTES					
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COMMON BLOCKS LENGTH	NGTE	MEMBERS -	PIAS NAM	- RIAS NAME (LENGTH)					
SIMULAT	1463		0 IRTBUFF (650)	(650)	650		(13)	663 NACLTPT (13)	
		929		(8)	684	BUOYPN (320)	(320)	1004 HELC (24)	
		1028		(8)	1036		(8)	1044 IXFRERP/31	
		1047	TOATLNK	(1)	1043	IATOTOGES	(3)	1951 ICACIPP (86)	
		1137		(540)	1377	IDAW	(2)	1379 NAV (20%	
		1399	MASTRE	(64)					
MODULE	110	_	PI 0	(1)	1	IERROP	(1)	2 IPTSTWE'(1)	
			3 IOLDRI	(1)	4	IDATIN (17)	(17)	71 TEATCUT (29)	
		50		(29)	62	IBITSWD	(1)	80 ICLTSSW(1)	
		81		(13)	76	IBFUL2 (13)	(13)	107 ICSTATE (11)	
		103		(1)	109	IRTTR	(1)		
DRIVER	<b>M</b> )	,	0 NCOUNTP (1)	£3	7	JIONE	(1)	2 TTUNE (1)	
STATISTICS									
PROGRAM LENGTH	1038	29							
COTRON LENGTH	30508	1576							

CREATION PUR	nne	CARDS ENCOUNTERED IN INPUT	UPDATE 1.2-77165.	78/06/12. 15.17.57.	15.17.57.	940	
****	*COMPLCK.SIMULAT			STWULAT			6
****	*COMDECK DRIVER			DRIVED	1		
****	*COMDECK MODULE			MCDUL .			
****	*DECK OLCS			SOTO			
****	*CALL.SINULAT			SITO	12		
*****	*CALL,MODULE			SOTO	13		
****	*CALL, DRIVER			SOTO	14		
安外海外外	*CALL, SIMULAT			SCIO	57		
****	*CALL+MODULE			טרבע	1-6		
本作品亦亦	*CALL, SIRULAT			SOTO	470		
非安安市	*CALL, MOBULE			5570	471		-
****	*CALL.SINULAT			5010	707		
*****	*CALL, MODULE			SOTO	462		
****	*CALL, DRIVER			SUTO	964		
***	*CALL, SIMULAT			5376	649		
****	*CALL, MODULE			SOTO	670		
****	*CALL.DRIVER			SITO	671		
****	*CALL.SIPULAT			SUTO	1071		
****	*CALL, MODULE			DIES	1072		
****	*GALL.SIMULAT			SOTO	1171		
****	*CALL, MODULE			SUTU	1172		
****	*CALL,SIMULAT			Sano	1251		
****	*CALL, MODULE			SITO	1252		
***	*CALL,SIMULAT			SUTU	1424		
***	*CALL, MODULE			Sano	1425		
***	*CALL, SIMULAT			SUTO	1467		
. *****	*CALL, MODULE			SOTO	1409		
· · · · · · · · · · · · · · · · · · ·	*CALL, SIPULAT			Sano	151ª		
***	*CALL, MODULE			SOTO	1519		
本法子外外	+CALL, SIMULAT			SUTO	1550		
****	*CALL, MODULE			Saro	1551		
***	*CALL, SIPULAT			SOTO	1608		
***	*CALL, MODULE			SOTO	1609		

CORRECTION IDENTS ARE LISTED IN CHRONOLOGICAL DREER OF INSEPTION

SIMULAT DRIVER MODULE OLCS

DECKS ARE LISTED IN THE CRDER OF THEIR OCCURRENCE ON A NEW PROGRAM LIBRARY IF ONE IS CREATED BY THIS UPDATE

YANK\$\$\$ SIMULAT DRIVER MODULE CLCS

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CCMMON DECKS ENCOUNTERFO

1100ATE 1.2-77165.

78/06/12. 15.17.57.

PAGE 2

DECKS WRITTEN TO COMPILE FILE SOTO

THIS UPDATE REQUIPED 337039 MORNS OF CORE.

MULTIFUNCTION CONTROL SET MODULE

(MFCS)

	PROGRAM MEDISORVINGO PULL COMPONENTO DO MANERO CARACA, A DEROGRAPIO DO MANERO MADERA ERRO DO MANERO MADERA	>4000 L	0 F	
	COMMON /TEST/IRTBUFF(50,12), 911(2,2), 91(2,2),	TESTORN	. 2	
	* IADIDD (187), ATOKFY (96), LUFBLK (440), * IMPOUT, CHIESNI(2), SELFIST (2)	TESTORN	m J	
	* AMASK (16) . NW. IKEYSET. IMPD	TECTORN		
	/BUFLAG/ IDA	TESTERN	v	
	/MEC SCOM/ IS	TESTON	7	
	COMMON AIDEXECT LAINER (12)	NACIOLIE I	a. o	
	/XOD TSC1/TOUT	NACTORI	` •	
	-	TESTONN	1	
	ř.	TESTUMN	12	
	EQUIVALENCE (MFCBLK (1,1), LUPBLK (361)), (IMFCPP(1,1), IADIPP (154))	TESTOWN	13	
	ON INBUFF(8), I	V FC SO FV	ı,	
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AND THE RESIDENCE AND THE PERSON AND	D/3HIND 3HAYK 3HBI	Vensor	. 00	
		MFCSDEV	o,	
The state of the s	E(3,3007)	MECSEEV	10	
	INPRIBF(1)= INPRIBF(2)=1	MFCSDRV	11	
٠.	MPITE(4,3007)	VFCSD9V	12	
	OF THAT THEOR IS NO MOOF DATA	WEC SOLV	13	
	THE STAN TO SE	METSORY	. 2	
,	MBCNT= 8	MFCSDOV	16	
	CALL READZ (2, IN	VEC-DOV	17	
	199999,11,1000	PFCSDRV	18	
The same statement of	(71,2001,	MECSUEN	16	
	0012 I=1,	VECSOR	20	
	1)=0	200000	23	
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, (2)	UNTIL ALL ID POSSIBILITIES HAVE BEEN YESTE	Nads Jak	25	
		FESSIN	25	
	00 50 I=1,5	MFTSDFV	56	
S	F ID MATCHES	MFCSURA	27	
	IF(IIO(I).NE.ID)69 TO 45	MFLSDAV	28	
0		AEC CODA	50	
S	TOWN TAPE INDEX AND EXIT LOOP	MFCS0RV	30	
	TOTAL STATE OF THE PERSON NAMED OF THE PERSON	70000	25	
		MELVION	3.2	
3	2	VECOUNT	7.	
O		VEDSOFY	35	
I.		MFDSDRV	36	
3	EN000	MFCSDOV	37	
		PFCSD94	38	
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3		Vaccount	07	
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10	NINDCKEYS	FCS	11	
		MFCSCRV	45	

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* Inx .Eq. 2	DATA FROM	I WC = O	 WOCNT=8	CALL READZ (2, INBUFF, WDCNT, RCODE, DUMMY)	IF(RCODE) 99999,220,600	CZG DECODE (66, ZGGZ, INBUFF(1)) IR18UFF(INC, IR1N(KETCET))	•	SAS TABLESTER	G0 T0 210	*102*	12 71	300	4	RT STATUS W	KEVSET	60 TO 600	TOX EG. 5	TT DAIA AVAL	SOUS CONTINUE LOANISTER			1000 CONTINUE		C RESET CUTDISCRETE ARRAY *ICUT*	00 1200 T=1,16		200 CONTINUE	CALL THE MACK MODER TO POSSERV THE CHARLES AND TAKEN THE CHARLES OF THE CHARLES O			PRINT MECS OUTPUT BUFFERS AND F	WETTE(3,3012)	C DO UNTIL ALL *NIND* WORDS ARE RESET TO ZEPO	00 1100 T=1,32	DNIN	1100	CO CINCO CO CONTRACTOR	WOTTE(3, 7009) ((FYD(1, 1), T=1,16), (=1, 7,2),	( LEXP	CALL EXPAND (BIT 44.16 EXP)	WRITE(3,3010) ((EXP	( (EXP ( I	MRITE(3,3003) (IBFULI(I),I=10,11),(IBFUL2(I),I=10,11),	CALL SYDAND STORM 2 46 GGGS	CALL EXTEND LUAMISTICIENT
							***				7.0				75					2			The second secon	85				95		and the second s		25			the party own party of the part	100		The same of the sa		105				***	410

CALL Fraction (Temporal Liverian 1971)   CALL Fraction 1971)   CALL Fraction (Temporal Liverian 1971)   CALL Fraction 1971)   CALL Fraction 1971   CALL Fraction	### CALL EXAMING TOTAL 13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Hed Doad	MFCSDRV COF 6600 FTN V*.0-P360 CPT=1	78/06/12. 19	5.38.45. PAGE	P)
######################################	WEITE 12 315   WEIT		11 3 4 21 1 1 E VE T	7500		3
WRITE( 2.3014)   U.   CALL   EXAMING   U.   CALL   U.   U.   U.   U.   U.   U.   U.	WRITE (2.3014) (1.671.4)   1.71.40   1.41.40		FYPAND TYFREGG 7	> 000	101	
######################################	NATIE 13.3004 (CERPILA): 15.17 (1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		E(3,3015) (J, (EXP(I,J),I=1,16)	Neus	103	
######################################	######################################		EXPAND (IOUT, 16, 16, EXP)		501	
CALL EMPROHYCRAK(11), 5,17,879  WRITE(13,301) (UNFOPK(11,3),121,2),421,2)  WRITE(13,302) (UNFOPK(11,3),421,2)  WRITE(13,302) (UNFOPK(	CALL EVAND (**FCR*K(1.3), 517.F*)  WATTE (1.3011) (TRYCORK CHANT)  WATTE (1.3012) (TRYCORK CHA	115	(3,3004) ((EXP(I,J),I=1,16)		105	
######################################	WATTE (1.2011) (EXCELL)   1.21.13   1.21.15   WATTE (1.2011) (EXCELL)   WATTE (1.2011) (EXCELL		1,5,17,EXP		106	
######################################	######################################		13.3011) ((EXP(T,J),I=1.17),J=1,		107	
NUMBER   CARD   CONTRACTOR   CARD	### ##################################				100	
######################################	TOTALL-SEDIZE   TOTALL-SEDIZE	4.30	1,0=1,01		5.	
TELLING   TELLIO	FILENOWER   10   FILES   10   10   10   10   10   10   10   1	150	311-01151		111	
Though   T	Tright   T				112	
TOTAL CLOSEZ(2.0.4.15)	TOTAL CLOSEZ(2.0,1.15)		. ~		111	
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99999 STOPI 2015 FORMATICA, FLAGS + STATE   2016 FORMATICA, FLAGS + STATE   2017 FORMATICA, FLAGS + STATE   2017 FORMATICA, FLAGS + STATE   2017 FORMATICA, STATE   2018 FORMATICA, STATE   2018 FORMATICA, STATE   2018 FORMATICA, STATE   2017 FORMATICA, STATE   2018 FORMATICA, STATE   2018 FORMATICA, STATE   2019 FORMATICA, STATE   2010 FORMA	99999 STORY 2015 FORMATICAL, 12, 06,6410) 2016 FORMATICAL, 12, 12, 06,6410) 2017 FORMATICAL, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12		00 CA11 CLOSEZ (2-0-1-T		115	
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3002 FORMAT(** NECS* FLAGG = *IITG1*77ATUS SENT FLAG = *II HG1*77ATUS SENT FLAG = *IITG1*77ATUS SENT FLAG = *II HG1*77ATUS SENT FLAG = *IITG1*77ATUS SENT FLAG = *IITG1*77	3002 FORMAT(** STATUS SENT FLAG = *IITG1*TATUS SENT FLAG = *II HGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG		FORMAT (1XA3,3XI2,3X06		122	
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*	* * * * * * * * * * * * * * * * * * *		FORMAT(/* STATUS SENT FLAG = *IIT61*STATUS SENT FLAG =		124	
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3004 FORMAT(//* OUT DISCRETES = *1(154/*ELE*ES)	3004 FORMAT(//* 001 DISCRETES = *1164*SELF=ESS TATE = *11)  * SELF-TEST STATE = *1164*SELF=ESS TATE = *1)  * 3005 FORMAT(//* 001 DISCRETES = *3(4x1612))  * FORMAT(//* 001 DISCRETES = *3(4x16114))  * FORMAT(//* 001 DISCRETES = *3(4x16112))  * FORMAT(/* 001 D		QUIESCENT STATE = *L1T61*QUIESCENT STATE =		126	A CONTRACTOR OF THE PARTY OF TH
300 # FORMAT(//* GUFFERS TO THE ADP : ATO = * 3X0\$,2(3X020)  **	300\$ FORMAT(//* 0UT DISCRETES = *3(4X1612), HTCSDV		/* SELF-TEST STATE = *LIT61*SELF-TEST STATE =		127	
10   10   10   10   10   10   10   10	* 300\$ FORMAT(1/4)* GUFFERS TC THE ADP: ATO = * 3X0\$,2(3X020)  * 500\$ FORMAT(1/41)  * 500\$ FORMAT(1/41)  * 500\$ FORMAT(1/41)  * 500\$ FORMAT(1/41)  * 600\$ FORMAT(1/41)  * 7112  * 7112  * 7112  * 7113		FORMAT(//* OUT DISCRETES = *3(4X1612)4(/T18,3(4X1612)		128	
3006 FORMAT(141) 3007 FORMAT(141) 3008 FORMAT(1414) 3009 FORMAT(1414) 3009 FORMAT(1414) 3009 FORMAT(1414) 3009 FORMAT(1414) 3009 FORMAT(1414) 3009 FORMAT(1719*ATO KEYSET*T78*SC KEYSET* 3009 FORMAT(1719*ATO KEYSET*T78*SC KEYSET* 3009 FORMAT(1719*ATO KEYSET*T78*SC KEYSET* 3009 FORMAT(1719*ATO KEYSET*T78*SC KEYSET* 3010 FORMAT(1719*ATO KEYSET*T78*SC KEYSET* 3011 FORMAT(1719*ATO WARDED) 3011 FORMAT(1719*ATO WARDED) 3011 FORMAT(1719*ATO WARDED) 3011 FORMAT(1719*ATO WARDED) 3012 FORMAT(1779*16(111*)/T;***********************************	3005 FORMAT(141) 3007 FORMAT(1414) 3007 FORMAT(1414) 3007 FORMAT(1414) 3009 FORMAT(14166, 3x6At0) 3000 FORMAT(14166, 3x6At0) 3000		7122,1612)		129	
3006 FORMAT (1411)  3007 FORMAT (1411)  3007 FORMAT (1411/10), 14(11+1)/19"* INPUT DATA ***/T9, 14(11+1)/2)  3007 FORMAT (1411/19), 14(11+1)/19"* INPUT DATA ***/T9, 14(11+1)/2)  3009 FORMAT (1719, 410 KEYSET*T78*SC KEYSET*  * //* RT STATUS (NEW) = *1612, 171  * (OLD) = *1612, 171  * (OLD) = *1612, 172  * (OLD) = *1612, 173  * (O	3006 FOPMAT(141) 3007 FOPMAT(141) 3007 FOPMAT(141)/T9.14(14*)/T9** INPUT DATA ***/T9.14(14*)/Z) 3009 FOPMAT(1X104,3X6A10) 3009 FORMAT(1X104,3X6A10) 3009 FORMAT(1X104,3X6A10) 3009 FORMAT(1X103*ATO KEYSET*) 3010 FORMAT(1X104,3X6A10) 3010 FORMAT(1X104,3X6A10) 3011 FOPMAT(1X104,3X6A10) 3011 FOPMAT(1X104,3X6A10) 3012 FORMAT(1X104,3X6A10) 3012 FORMAT(1X104,3X6A10,3X6A10) 3013 FORMAT(1X104,3X6A10,3X6A10,3X104,3X101) 3014 FORMAT(1X104,3X104,3X104,3X104,3X104,3X106,3	241	3005 FORMAI (//* BUFFERS IC THE AUP : ATO = *		130	
3007 FORMAT(1H1//T9,14(1H*)/T9,** INPUT DATA ***/T9,14(1H*)/)  3007 FORMAT(1XO6,3X6A1D)  3008 FORMAT(1XO6,3X6A1D)  3009 FORMAT(1X19*ATO KEYSET*  3009 FORMAT(1X109*ATO KEYSET*  3010 FORMAT(1X109*ATO KEYSET*  3011 FORMAT(1X109*ATO KEYSET*  3011 FORMAT(1X109*ATO KEYSET*  3011 FORMAT(1X109*ATO KEYSET*  3012 FORMAT(1X109*ATO KEYSET*  3014 FORMAT(1X109*ATO KEYSET*  3014 FORMAT(1X109*ATO KEYSET*  3014 FORMAT(1X109*ATO KEYSET*  3014 FORMAT(1X109*ATO KEYSET*  3015 FORMAT(1X109*ATO KEYSET*  3015 FORMAT(1X109*ATO KEYSET*  3016 FORMAT(1X109*ATO KEYSET*  3017 FORMAT(1X109*ATO KEYSET*  3017 FORMAT(1X109*ATO KEYSET*  3018 FORMAT(1X109*ATO KEYSET*  3019 FORMAT(1X109*ATO KEYSET*  3010 FORMA	3007 FORMAT(INI//T9,14(11+*)/T9** INPUT DATA ***/T9,14(11+*)/)  3008 FORMAT(INOS,3XA10)  3008 FORMAT(INOS,3XA10)  * //* RT STATUS (NEW) = *1612,161*RT STATUS (NEW) = *1612  * //* RT STATUS (NEW) = *1612,171  * //* RT STATUS (NEW) = *1612,172  * //* RT STATUS (NEW) = *1612,172  3011 FORMAT(//* AT OUNPACKEE OUTPUT BUFFER ;*2(/3(4X112))/2(4X1712))  * //* RT STATUS (NEW) = *1612,172  * //* RT STATUS (N		THE LANGUE		1 10	
### ### ##############################	#FCSGCV  ##FCSGCV  ##FCSCCV  ##FCSGCV  ##FCSGC	The second secon	FORMAT (1441/1/14, 1441/14) 194** TINDIT #1101/1/141/141/141/141/141/141/141/141/1	1	1 2 3	
3009 FORMAT(//T19*ATO KEYSET*T78*SC KEYSET*  * //* RT STATUS (NEW) = *1612.771 * (OLD) = *1612	### ### ##############################		FOOMAT (1XOG.3X6A1D)		134	
* //* RT STATUS (NEW) = *16I2,T61*RT STATUS (NEW) = *16I2   PFCSCOV * / 712	* //* RT STATUS (NEW) = *16I2,T61*RT STATUS (NEW) = *16I2   PFCSCOV * //12 * (OLD) = *16I2,T71 * (OLD) = *16I2,T71 * (OLD) = *16I2,T71 * (OLD) = *16I2,T72 * (CLD) = *16I2   PFCSCOV * //13 * (CLD) = *16I2,T72 * (CLD) = *16I2   PFCSCOV * //13 * (CLD) = *16I2,T72 * (CLD) = *16I2   PFCSCOV * //13 * (CLD) = *16I2   PFCSCOV * //13 * (CLD) = *16I2   PFCSCOV * //13 * (CLD) = *16I2   PFCSCOV * //14 * (CCD) *	145	FORMAT (//T19* ATO KEYSET	Z L N	1 1 1 2 2 2	
* /T12 * (OLD) = *16I2,T71 * (OLD) = *16I2)	# /T12		* //* RT STATUS (NEW) = *1612, T61*RT STATUS (NEW) =		176	
3010 FORMAT(  * * 8IT STATUS (NEW) = *16IZ,T61*BIT STATUS (NEW) = *16IZ  * * * * * * * * * * * * * * * * * * *	3010 FORMAT(  * * SIT STATUS (NEW) = *1612, F61*BJT STATUS (NEW) = *1612  * * T13  * * (OLD) = *1612, F61*BJT STATUS (NEW) = *1612  * * * * * * * * * * * * * * * * * * *		*(OLD) = *1612,T71 *(OLD) =		137	
* * BIT STATUS (NEW) = *16I2,T61*0IT STATUS (NEW) = *16I2  * / T13	* * 8IT STATUS (NEW) = *16I2,TT2		FORMATI		a m	
* /TI3 * (OLD) = *16I2,T72 * (CLD) = *16I2) MFCSGEV 3011 FOOMAT(//* ATO UNPACKEC OUTPUT BUFFEP 1*2(/3(4x1712))/2(4x1712)) MFCSGEV 3012 FORMAT(//T9,16(1H*)/T9** MFCS PESULTS ***/79,16(1H*)//) MFCSGEV 3013 FORMAT(//T9** AVAIL FLAG = *16I2/ 3014 FOOMAT(//* SO UNPACKEC CUTPUT BUFFER 1*2(/3(4x1712))/2(4x1712)) MFCSGEV MFCSGEV BEORMAT(//* IXFRERR(*I1*) = *16I2/)) MFCSGEV MFCSGEV	# /T13		* * BIT STATUS (NEW) = *1612, T61*BIT STATUS (NEW) =		641	
3011 FOPMAT(//* ATO UNPACKEC OUTPUT BUFFEP :*2(/3(4x1712))/2(4x1712))	3011 FOSMAT(//* ATO UNPACKEC OUTPUT BUFFEP ;*2(/3(4x1712))/2(4x1712))	150	*(OLO) = *1612,172		140	
3012 FORMAT(///T9,16(1H*)/Tç** MFGS PESULTS ***/T9,16(1H*)//}  3013 FORMAT(*0CP DATA AVAIL FLAG = *1612/  * * * PP DATA AVAIL FLAG = *1612/  3014 FORMAT(//* SO UNPACKET CUTPUT BUFFER :*2(/3(4x1712))/2(4x1712))	3012 FORMAT(///T9,16(1H*)/Tç** MFGS PESULTS ***/T9,16(1H*)//) 3013 FORMAT(*0CP DATA AVAIL FLAG = *1612/ * * * PP DATA AVAIL FLAG = *1612/ 3014 FORMAT(//* SO UNPACKET CUTPUT BUFFER ;*2(/3(4x1712))/2(4x1712)) ***********************************		FOSMAT(//* ATO UNPACKED DUTPUT BUFFER **2(/3(4x1*12))/2(4x1712)		141	
3013 FORMAT(*0CP DATA AVAIL FLAG = *1612/  * * * P DATA AVAIL FLAG = *1612) 3014 FORMAT(//* SO UNPACKET CUTPUT BUFFER :*2(/3(4x1712))/2(4x1712))	3013 FORMAT(*0CP DATA AVAIL FLAG = *1612/  * * * PP DATA AVAIL FLAG = *1612) 3014 FORMAT(//* SO UNPACKET CUTPUT BUFFER :*2(/3(4x1712))/2(4x1712)) ** * PP DATA AVAIL FLAG = *1612/) ** **********************************		FORMAT (///T9,16(1H*)/T5** MFCS PESULTS **/T9,16(1H*)//)		142	
* * P DATA AVAIL FLAG = *1512) 3014 FORMAT(//* SO UNPACKET CUTPUT BUFFER :*2(/3(4X1712))/2(4X1712)) FCSGOV 3015 FORMAT(//3(* IXFRERG(*I1*) = *1612/)) FUD HFCSGOV HFCSGOV	* * P DATA AVAIL FLAG = *1512) 3014 FORMAT(/3(* IXFRERR(*I1*) = *1612/)) END HFCSGOV HFCSGOV		FORMATI * OCP DATA AVAIL FLAG = *1612/		143	
3014 FORMAT(//* SO UNPACKEC CUTPUT BUFFER **2(/3(4x1712))/2(4x1712)) MFCSCRV 14 3015 FORMAT(//3(* IXFRERR(*I1*) = *1612/)) END MFCSCRV 14 MFCSCRV 14	3014 FORMAT(//* SO UNPACKEC CUTPUT BUFFER **2(/3(4x1712))/2(4x1712))	The state of the s	DATA AVAIL FLAG = *1512)		144	
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MECSORV PROC 2.4 SYMBULIC REFERENCE MAP

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The content of the	COMPIGN / SOURCE   N. N. 1.   N.		IMPOUT, GUTESNI(2), SELFIST(2)		1	
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CCHMON AND STOCODY INTO (2), FIDERX, PIADD (2), INDRIBE(2), ISTDIT(2)   TSTEP (COMMON AND STOCADO)   TS	CCHMON AND SECTION IN TREET IN TEACH IN THE	COMMOD	19UFL		Q	
COMMON ATMOSTS, LANK (12)  COMMON ATMOSTS, LANK (12)  COMMON ATMOSTS, LANK (12)  DIVENSION MEDGER (14,1), LEGP (14,1), LAD IPP (154,1)  TITIEGER ATMOST, ATMOST, ATMOST, ATMOST, ATMOSTS, LANK (12,1), LAD IPP (154,1)  TITIEGER ATMOST, ATMOST, ATMOST, ATMOST, LANK (12,1), LAD IPP (154,1)  TITIEGER ATMOST, ATMOST	COMMON VINDESCY LANK (12)  COMMON VINDESCY LANK (12)  COMMON VINDESCY LANK (12)  COMMON VINDESCY LANK (12)  DITECRATE AND REGISTORY AND REGISTORY  DITECRATE AND REGISTORY AND REGISTORY  EDUTYALENCE (REGISTORY AND REGISTORY AND REGISTORY  COMMON THANTES: 1  DITECRATE AND THANTES: 2  DITECRATE AND THANTES AND THANTES AND THANTES AND THANTES AND THE SOUTH AND THANTES AND THA	COMMO	/MFC S		1	
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13-8   13-8-44   13-4-8-49   13-4-29   13-8-49   13-4-29   13-8-49   13-8-	March   Marc		SION ISHFAM (5.2)		164	
169=2	163=2	2			165	
		18=0			166	
INCOP (1, IXEYSET) = IMFCPP (2, IXEYSET) = 0	INCOP(1, IXEYSET) = IMFCPP(3, IXEYSET) = 0			VECOUN	23.	
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1941 150=160+1 150=160+1 150=160+1 150=160+1 150=160+1 1811 1812 1812 1813 1814 1815 1815 1815 1815 1815 1815 1815	19-1 150-160+1 150-160+1 150-160-11 150-160-		F.6360 TO 4	VETCEBV	171	
150 = 160 + 1  150 = 160 + 1  150 = 160 + 1  161 = 16 + 1  161 = 16 + 1  161 = 16 + 1  160 = 160 + 160	150 = 160 + 1  150 = 160 + 1  160 = 167 =		T 8 = 4	NECO CUN	. 7.5	
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40 IMFGPP (160, IKEYSET), AND, 377408, ISHFAMT (18,13) PFG OD V I = 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10	#FCSOV #FCOV #FCSOV #FC			ALLSDO!	173	
SHIFT(MFCPLK(I, IKEYSET), AND, 3774,008, ISHFAMT (18,13) PFCSDOV	SHIFT(MFCPLK(I, IKEYSET), AND, 3774,008, ISHFAMT (18,13) PFCSDOV IF(IS, NE, 6) GO TO 50	0,7	S	VEDSOE V	174	
10=18+1	10=18+1		(MECRI KIT, TKEYSET) . AND. 3774008, TSHEAMT (TR. 13	VETCORV	175	
	IFCSDOW   I			10000	176	
If (18 NE 5) CO TO 50  IF (18 NE 5) CO TO 50  IGO=160+1  IGO=160+1  SHIFT (HFCBEKKI, IKEYSET) .OK,  HFCSDEV  RECURN  RETURN  FORD TO	If (18.NE.6) TO 50  If (18.NE.6) TO 50  IGO=160+1  IGO=160+1  SHIFT(HFCBRK(I, IKEYSET) .OK, NFCSDV N			ALCOCA.	110	
13-1   16-150+1   16	13-1   13-1   MFCSFU   160=160+1   MFCSFU   150=160+1   MFCSFU   150=160+1   MFCSFU   150=160+1   MFCSFU   MF		E.6160 TO	MECSON	117	
160=160+1   160=160+1	160=160+1   160=160+1		I 3=1	MFCSGOV	178	
190 CONTINUE SHIFT(HFCBLKII, IKEYSET) .OR.  190 CONTINUE SHIFT(HFCBLKII, IKEYSET) .AND.3778, ISHFAMT(IA,2)) HFCSDFV HF	INFORMING SHIFT (HEGBLK(I, IKEYSET), AND, 3778, ISHFAMT (IA,2)) PFGSDEV SHIPMAN SHIPMAN RETURN END HFGSDRV HFGSDRV HFGSDRV HFGSDRV HFGSDRV HFGSDRV		T60=T60+1	MECCEC	110	
SHETTHEREST AND STREAM (18,2)) PECSON END CONTINUE SHETTHEREST AND STREAM (18,2)) PECSON PECS	SHETTHEREST AND STREAM (18,2)) PFCSSTV  SHETTEN BELLEN  END  HFCSSTV  HFCSS			20001		
SHIFT (HEGBLKII, IKEVSET) - AND 33778, ISHFAMT(IS,2)) PTCSDRV RETURN END HFCSDRV HFCSDRV HFCSDRV HFCSDRV HFCSDRV	SHIFT (HEGBLKII, IKEYSET) - AND.3778, ISHFAMT(18,2)) PPESSEV RETURN END MFCSORV MFCSORV MFCSORV MFCSORV		SELLEINTER LOUGH RETORINGE	> 1000LE	0 1	
O CONTINUE  RETORN  RECORN  FIND  FI	O CONTINUE  RETURN  RECORA  END  HECSDRA  HECSDR		SHIFT (MFCBLK(I, IKEYSET) AND 3778, ISHFAMT(18,2)	V = 00014	1 71	
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COC 6600 FTN V3.0-P380 CPT=1 78/16/12, 15.38.39.

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COC 6500 FTN V3.9-P380 OPT=1 78/06/12. 15.34.39.

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SYMBOLIC REFERENCE MAP

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33	14.8	AFRAY	ARPAY	AFRAY		ARRAY	A.F.RAY	ARRAY	ARRAY		AERAY	1	APPAY	AFRAY		ARRAY	AFRAY	AFRAY	AFRAY			ARRAY				ACBAY	ARRAY	AFPAY	#UNUSED	ARRAY	*UNUSED		ARRAY	7 7 7 7	ARRAY		v)	2 INTRIN	DEF LINE	54	30	35	FR0#-T0	72 61
-1	ud AL		INTEGER	INTEGER	INTEGER	INTECER	INTEGER	INTEGER	INTEGER	TATEGER	TNIFFER		TNYEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER		INTEGER	TNIFFED	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	REAL	INTEGER	REAL			NO TYPE					INDEX	-
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2 PACKP	VARIABL	2470	1433	1133	53	1140	2	1.7	(2)	2511	1371		5	0	~	7	C		24	2463	2512	34	25		21	1573	0	2343	0	0	0	2510	2464	1134	2456		INL INE		STATEPE	27	+1 4	20	LOOPS	77

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604 PT (41) 1334 SELFTST(2) 1355 IKEYSET(1)	15 IBFUL  1131	3 eTADO (2)									
600 RIT (4) 795 ATOKEY (96) 1332 OULESNT(2) 1352 NW (1)	2 IoFUL1 (13)	2 IRTSFMX(1) 7 IRTSIT (2)									
MEMBERS - BIAS NAME(LENGTH)  0 IRTQUFF(500)  6.8 IADTPS (187)  1331 IMPCUT (1)  1336 AMASK (16)	1354 IWRG (1) 0 IOAW (2) 28 IXFEPR(3)	0 IRTN (2) 5 INPOTSE(2) 0 INTNRT (12)		MEMBERS - BIAS NAME(LENGTH) 1251 MFCBLK (80) 761 IMFCPP (34)	54. 1455			-			
COMMON BLOC. LENGTH TEST 1355	BUFLAG 31	MFCSCOM 9	XINDIST 32 XODISC1 16	EQUIV CLASSES LENGTH IRTBUFF LUPBLK 1355 IRTBUFF IADTPP 1355	STATISTICS PROGRAM LENGTH 668 COMMON LENGTH 26578						The second secon

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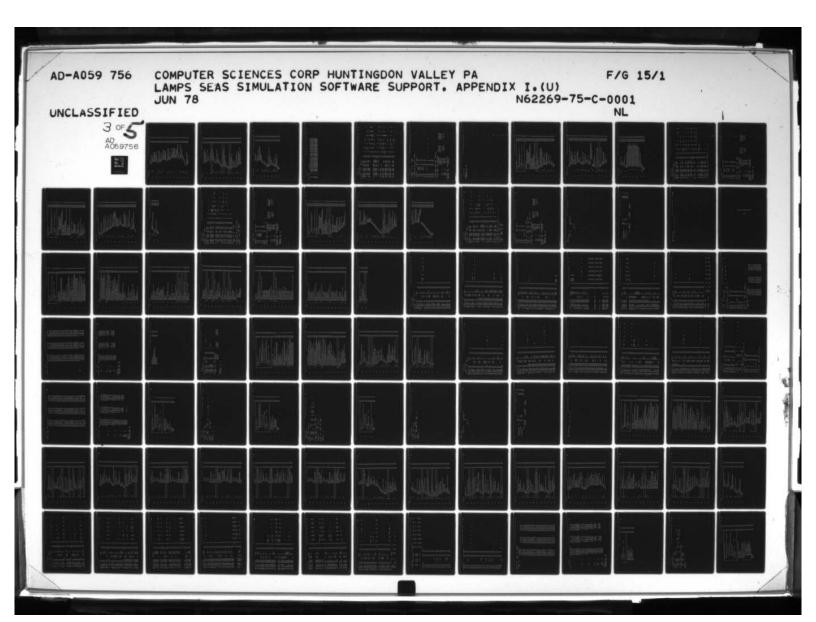
SYMBOLLO REFERENCE MAP

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C CHECK QUIESCENT AND SELF-TEST FLAGS  C CHECK QUIESCENT STATE  C IF KEYSET IN CUIESCENT STATE  IF (*NOT. QUIESNITIKEYSET)) GO TO 100G  THEN  ELSE  C TEST FOR SELF-TEST TN PPOGPESS  LOOD  TEST FOR SELF-TEST TN PPOGPESS  LOOD  THEN  DECREPENT COUNTER BY 200 MSEC  TEST FOR SELF-TEST NOT COMPLETED  HECS  DECREPENT COUNTER BY 200 MSEC  TEST FOR SELF-TEST NOT COMPLETED  HECS  TEST FOR SELF-TEST NOT COMPLETED  HECS  TEST FOR SELF-TEST NOT COMPLETED  HECS  THEN  HECS  TEST FOR SELF-TEST NOT COMPLETED  HECS  HECS  TEST FOR SELF-TEST NOT COMPLETED	
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TEKEYSET IN CUIESCENT STATE	
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FF(*NOT* QUIESNI(IKEYSET)) GO TO 1000   HFCS     THEN	
THEN FLAG  SET RETURN FLAG  SET RETURN FLAG  SET RETURN FLAG  SET RETURN FLAG  GO TO 1400  FFCS  TEST FOR SELF-TEST IN PROGRESS  FFCS  THEN  TEST FOR SELF-TEST IN PROGRESS  FFCS  THEN  TEST FOR SELF-TEST IN PROGRESS  FFCS  FFCS  THEN  TEST FOR SELF-TEST IN PROGRESS  FFCS  FFCS  THEN  FFCS  THE	
55 SET RETURN FLAG 60 TO 1400  C ELSE 1000 TEST FOR SELF-TEST IN PROGRESS 1000 THEN DECRETE COUNTER BY 200 MSEC 1000 TSLF18 (IKEYSET) = ISLF18T (IKEYSET) - 200 15.F18T (IKEYSET) - (IKEYSET) - 200 15	
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60 TO 1430  ELSE  TEST FOR SELF-TEST IN PROGRESS  1000  TF(*NOT*, SFLFTST (TKEYSET)) GO TO 1305  HFCS  THEN  C  THEN  DEGREFET COUNTER BY 200 MSEC  ISLFTST (IKEYSET) = ISLFTST (IKEYSET) - 200  HFCS  ISLFTST (IKEYSET) = ISLFTST (IKEYSET) - 200  HFCS  HFCS  HFCS  ISLFTST (IKEYSET) - 200  HFCS	
C ELSE  C TEST FOR SELF-TEST IN PROGRESS  1000 IF(*NOT. SELFTST(TKEYSET)) GO TO 1300  NFGS  THEN  C THEN  C DECREMENT COUNTER BY 200 MSEC  ISLFTST(IKEYSET) = ISLFTST(IKEYSET) - 200  MFGS  IF SELF-TEST NOT COMPLETED  NFGS  MFGS  1	
C TEST FOR SELF-TEST IN PROGRESS  1000 IF(.NOT. SFLFTST(IKEYSET)) GO TO 1300  NFGS  THEN  C DEGREFAT COUNTER BY 200 MSEC  ISLFTST(IKEYSET) - 200  MFGS  IF SELF-TEST NOT COMPLETED  MFGS	
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ISLF1S1(IKEYSE1) = ISLF1S1(IKETSE1) - 200 M-CS IF SELF-TEST NOT COMPLETED	
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IF(ISLFTST(IKEYSET) .LE. 0) GO TO 1100 MFCS 1	
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	o	SET FFTURN FLAG	SOLA	156	
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		60 10 1200	SC L	4 11	
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170	1100	TWOOLY -2	W C L	160	
		PECSLE (1.1KEYSET) = RIADD(1KEYSET) . OR. 19	0 C L L	162	
-		VECOLK (2. TKEYSTT) = BIT (1. TKEYST)	V Lu M	163	
		PIT(2, IKEYSET) = 0	V. C. L. 2	164	
175		RETURN= FALSE.	V	165	
-	1200	CONTINUE	MECS	166	
	ပ	ENDIF	SOUN	167	
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180	1300	CONTINUE	SOLA	170	
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*	1400	CONTINUE	MFCS	173	
	o		V LLIX	174	
185			SJAN	175	and the second of the second o
		IF (RETURN, AND, MFCBLK(1, IKEYSET), EQ. 0) GO TO 1500	FICA	176	
	٠,	THEN	2 D L 2	177	
	U	PROCESS NORMAL KEYSET	SECS	178	
		CALL MFGSPAC	METON	179	
190		CO TO 1600	V Du X	180	
The second secon	3	ELSE	MACS	1.61	The second secon
	co		U, CL.	182	
	1500	RETURN = .FALSE.	N PC	183	
	16.00	CONTINUE	MEDS	1.84	
195			SOAM	1.85	
4	υ	SET KEYSET INPUT BUFFER CCUNTER	NECS	1.86	
		TBF(IKEYSET)=IWRD	PFCS	187	
	2000 CONTI	NCE	FCS	88	
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SUBRCUTINE MFCSNDX	ABSTRACT THIS ROUTINE FRCCESSES SWITCH DATA FROM THE AVK TC THE SIMULATION HARDWARE KEYSETS	COBING HISTORY  1. PROGRAMMED ROBJERT J. HUBER NOVEMBER 1977 (CSC)  END OF ABSTRACT	SUBRCUTINE MFCSNDX COMMON /TEST/IPTBUFF(50,12),BIT(2,2),RT(2,2), IADTPF(187),ATOKEY(96),LUPBLK(440),	** IMPOUT, GUIESNT(2), SELFIST(2)  * AMASK(16), NW, IKEYSET, IMPO COMMON / SUFLAG/ TDAW(2), IBFUL1(13), IMPO COMMON / MFCSCOM/ ISTN(2), IRTBFMX, PTADD(2), INPRTEF(2), IRTBIT(2) COMMON / IOEXEC/ LMINT(12) COMMON / IOEXEC/ LMINT(12)	/XODISCI/IOUTION MEGBLK(40) R ATOKEY, AMASK LENCE (MFGBLK(10) IX(10)	DETERMINE WHICH KEYSET THE DATA IS FOR IF IT'S THE ATO KEYSET	THEN BREAK D ZERO FI THE COM	[-6)810,810,8 30FF(IWPD,IR1)= 1=IWPD+1	IF POINTER AT WRAP AROUND POINT IF(IPT9FXX-INRO) 815, 820, 820 THEN RESET PCINTER IC *1* INRO=1	820 CONTINUE FOR RESET ENDIF FOR 825 CONTINUE

o o	IC1=0  MHILE I IS A VALID ATC SWITCH NUMBER (0 THRU 72)  00 1900 I=1,74  IATOKEY = ATCKEV(I) .AND. 17779  IF(IATOKEY-EC.1000) 60 TO 1900  JOHN = IATOKEY-(JOHT-1)*16+1  IG = (I-1)/16  IBIT=I-IC*16  IF INPUT BUFFER FOINTER CHANGED.		ഹോടം.സില് ഒരു പെട്ടു പ സിവിധിവിധിധിവുടെ ഒട
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0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	THEN  INGREPENT WORD COUNT FOR RI STATUS  AND FUT KEY VALUE INTO HOLDING  ARRAY  CONTINUE  NW=NW+1		MMFF F F F
0 0	IMPCUT=TWPOUT+1  MFCGLK(IMPOUT+IKEYSET)=SHIFT(KEY, 9)  IF GATA WORD COUNT IS TWO  IF MW-2+266,230,260		ያ ነ ነ ነ ነ ነ ነ ነ ነ ነ ነ ነ ነ ነ ነ ነ ነ ነ ነ ነ
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<b>ပ</b> ပပ(	IF ANY OF THE BITS ARE SET IN THE INCISCRETE WORD IF(INDATO(I) .EQ. 09) GO TO 550 THEN EXTRACT SMITCH CLOSURE DATA	C C C C C C C C C C C C C C C C C C C	20.00
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THE NOTE AN ATO KEY SHITCH   FECSION   FESSION   FESSION   THE NOTE   THE NOTE   FESSION   THE NOTE   FESSION   THE NOTE   THE NOT	IF II'S AN ATO KEY SWITCH  IF (SHIFT(ATCKEY(IKEY), -70), E0.6008)  FOR 10 450  THEN  INCREMENT WORD COUNT FOR PT STATUS  NORTH NUMBER INTO HOLDING APAN'THEN PUT  NAHINALI  IF (NH 67.2) 60 TO 1000  IF (NH 67.2) 60 TO 1000  HOSIND  HOSIND  ELSE  CONTINUE  CO	FIGSTAND  IF (SHIFT(ATOKEY(IKEY), -70), EQ, 6008)  FOR TO 450  THEN  INCREMENT WCRD CCUNT FOR PT STATUS  FOR STAND  FOR STAND  FOR TO 450  THEN  INCREMENT WCRD CCUNT FOR PT STATUS  FOR STAND  FOR ST
IF(SHIFT(ATOKEY(IKEY), -30), EQ. 6008)  GC TO 450  THEN  INCREMENT WORD CCUNT FOR RT STATUS  KNORD AND HOLDING AFRAY  KNORD AND HOLDING AFRAY  NA=NA+1  IF(NW.GT.2) GO TO 1000  IMPOUT=IMPOUT+1  MCCSIND  MCCSIND  MCCSIND  ATOKEY(IKEY), -21)  MCCSIND  AFCSIND  FNOIF  CONTINUE  FNOIF  TINUE  TINUE  HCCSIND  MCCSIND  MCCS	IF(SHIFITATOKEY(IKEY),-70),-60,6000)  THEN THEN THEN THEN THEN THEN THEN THE	IF (SHIFT(ATOKEY(IKEY), -70), ED, 6008)  THEN  T
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MAD SIGNAL PROCESSOR MODULE

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(MSP)

GRAM FOR THE MSP MODULE. MSPC 6  11/03/77 MSPC 6  11/03/77 MSPC 6  11/03/77 MSPC 11  MSPC 11	# P P P P P P P P P P P P P P P P P P P	A second the second to the sec					A STATE OF THE STA						•						•									Carlo Comment of the															The second secon		
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## SYMBULIC PEFERENCE MAP

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KARL SECTION OF STREET		PLANK	7	
		PLANK	5	
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	A STORON STANDARD CONTRA	BIANK	, ,	
3,	PI CAR	HANK	υ (	
	*ILCONI	LANK	٥,	
	· IPICOR	BLANK	1.0	
	. JRESET, IPCDEC (67), CX,CY	BLANK	11	
	SILMII.	BLINK	12	
15	OPA I NOV	AL ANK	13	
	THE STORY OF STANDERS AND STANDERS STORY SHOULD BE STANDED	7 N N	77	
		FLANK	15	
	NACA (12	PLANK	16	
		BLANK	1.4	
77	TECHT	7 7 7 7	4	
	Control of the Contro			
	×	LAPK	1.3	
	CTACTICAL DISOLAY PARAMETERS	ALBNK	20	
	COMM(N//REFMLL(8,4), ATCPEF(3,4), DATUM(5), DIFAP(5,6)	BLANK	21	
		24 4 10	22	
	**************************************			
42	* SENSHUR F IXUES (3.6) * TORPEN (3.2) * PRENPOS (3) * POINTER (2) * EX	ALDNK HLDNK	. 7	
		FLANK	54	
		NANA	25	
	OCHNOR PROSENT INCOCOL PROCEST INCOCART INCOCART INCOCART INCOCAT	744.6	30	
	12 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)			
	X * IPCNIER * IDA IOM * ISNOT DS * I PUDS * I * PUDS *	SLANK	12	
50	*IHELCU	SLANK	2.6	
	OOMYCN/TAGELGS/TRKTIME,IHLONTL,IHELOOR,IOATLNK	PLANK	50	
	TO TAKE SOCIATION THAT THE TOTAL OF THE STATE OF THE STAT	PILNK	40	
	OH CT TO	746.0		
	TARABLE TABLES FING TARAFE IS AN	ELDAR.	15	
	$\mathbf{x}$	PLANK	35	
55	X .YBUOYOR.ISCNOAT(32).DELTS.NRNGONI(4).R1(32).IR2(32).LL	PLANK	33	

× × × × !	ANS, C, ITHR(4), NOTCH(4), INTGTIM(4), ISEL NY	PLANK	J 1	
Q.	MASTRE (32	מרשו	35	
Q.	TACSTS, CASSTIM, CASSPER, IAUTO (4), TAUTCCH	BLANK	3.6	
Q.	TPASCUT	al DAK	37	
00	*IASBATY(4), TESVOLR(4), IMCVCNT, IDFX(4)	BLANK	a 2 ,	
	DAR MODEL TARLES AND DARAMETERS	BLANK	5.	
00	OMMON AGPRIME, AZSONLM, OLUTIER, DELXI, DELYI, DELZI, OLLPHIR,	OLENK	0,5	
	GRAZANG. TROSYMB. TOFIGO. TOFIGS IS 180FILE (128). TROSOCCIT. IRORIOX	310	1.4	
	DOCTOR TOP TOP TON AND TOPOND TOPONDED TERMS	7 15	7	
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	THE COLUMN CONTROL OF A COLUMN	1	2 -	
-	XINCSER GITTINGSER GITS SERVE X TO NIK TROOP NO COLORS	Y 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<b>†</b> !	
	CSPHIR, CSXLO71, GMLMDAC (21), CARCROS (9)	PLANK	42	
•	.KRORCYC.TP12.M3(21),XFA(21),YFA1(21),ISIZE,IFAIL(9),FARhGLM	BLANK	4.6	
		GLANK	47	
	THE NORTH AND THE PROPERTY OF	BIANK	a 7	
		2 4 10	0	
	d ::	2 2 3 3 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7	
20	COMMENZING TAVE (4), AKER, NUMBIN, COSR (16), SINB (16), SIG (16), NUIS (16)	. BLANK	20	
×	COSD (16, 8, 4), SIND(16, 8,4), ANARF (16, 9), FI	BLANK	51	
*	ANGE, KECUTHO.	AL ANK	63	
•	CHILL SA CHARLE ALL ALL ALL ALL ALL ALL ALL ALL ALL A	244		
	ALCOLO STATE ALCORA NO ALCORA STATE ACTUAL STATES AND ALCORA AND ALCORA STATES AND ALCORA AND ALCORA AND ALCORA AND ALCORA AND ALCORA AND	V	0.0	
30	// ION, GAMMAS, REPFIP, KVALFIP, IDAM(2	3LANK	54	
00	/HORIZN/ HORLIM	BLANK	52	
	000	NA C I G	, u	
	CONOTA PROCESS NATIONALES AND MAINT			
	DESARCA X NIDIBOF (10), NIDOBUF (1X), NIDIBOF (40),	HARK	25	
*	MSP09UF(17), MSP18UF(40)	PLANK	5.6	
*	XOBUF (1	PLANK	o.	
*	1. MIXTRUF(40). KATOPUF(1024). KSCBU	ALDIE	20	
*	THE PROPERTY OF THE PROPERTY O	2		
•	Tagir + warpire royalita	2	100	
	LACKANG, TACUEAR, ITACVAL, SIKATORZI, SIKSOTZI	BLANK	29	
20	CM, ROLO, NCOSE, IREEL,	2	52	
7 ×	MAD. CAIN, IAMAD. MADRI G. AMADDEN (3, 8), IEVENT	Ø.S.¥	22	
*	(C) INDUSTRIBUTED A	d.	a c	
	CASC TITLE A CATOOLIST A CASC TO SECUL	COM	. 00	
3	STATE OF THE PROPERTY OF THE P		, ,	
3	COMMON E WRITER IN INTEREST	2 !	300	
00	1513	n v:	21	
10	DATA SELFIST, OLDBIT, CLDRT, IFL, MMERROF, PROINIT	d.	32	
•		dSN	23	
, ,	TOTAL TOTAL	202	3 (	
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70	Option / C / Noiteo	a.	M.	
70	DATA MSPRI / 2640008 /	a V M	37	
C		dv.	a 2,	
	T PROCE	a v	0	
		dS.	67	
	ANZAYK-14 COMMAN	d. >	1,1	
	( MCDIBILETINE	d'v.	12	
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	20.	1	3 1	
	IRFULI(8) = 0	n.	45	
2		M S D	94	
	DO NOT RESET STATUS SENT FLAG	a v W	47	
52	105	d S &	a t	
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	WHILE SOMETHING IN INPUT BUFFER	d S z	50	
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THE LINPINDX)  TO COMMAND WCCC INT  TO AND (373, MSP  AND (18, SHIFT (7 MSP  INTER SET POINTER  TO YOUR (18, SHIFT (18
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4.SP 1008		***		41 .	-		+1		-		••		•	 1	-1 -	-11	-	-	<b>~1</b> ~		1	***	-1 -	1 -		-1	• 1	-1 -	1		-1	• • •	1 -1	-	-		1 -	-	-
	CONTINUE PROCESSING MODEZAISCRETE	IF MODE/DISCRETE IS INTIATE PROCESSING	NEW			. TRUE.	. IPL = .FALSE.	_ 1	1970110 = 0	TOAM(1) .00. 200	IDAK(2) = IDAK	ELSE	CONTINUE CON		THER MODE/OISCRETES ARE NO	,	CCNTINUE	CONTINUE PROCESSING CTHER COMMANDS	OT ATAN TANGON A OT	AND AND A SOLUTION OF THE COLUMN CAME OF CAME	THEN		אומער חבום ואשראר	TS REDUESTING DATA	0	THEN		AS TRANSFERRED	SET DATA SENT FLAG	FUL? (A) = 0	60 10 4	4	CONTINUE		IS SENDING DATA	ordered when the	F ( .NOT. 1PL ) 60	THEN	
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200	0	0	du	d'u	200	000	00 2	00	2	00.2	0	20.2	100		2 0	1. 1.	2	E C			1. L	7. 0	200	200	2		1 D	d.	a S	485	ds	C C	dSm	u. c	2	. a.	2	0 V 3	D.V.	dS.	dS.		100	d	2	4SP	4SP	dSa	Q (	2 2
IPL FALSE.	AT ACCOUNT OF PARTY	AND THE THE WORLD TO THE	,	I (XUNTANT)	*IN* IS LESS THAN *LW	STINGS CE XUNIONI )	L L L	WHA HAURUOUNE	A VONTONT - VONTONT	O TO WAR	•	3	TONT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TANA	TOUR	ENDIF	EDVITION OF		ORD CCUNI M	.NE. PMSGWC . GO		NO PULTI-MESSAGE WORD COUNT EGROP	4	GC TO 340		Į,	u		ENDIF	ACCUMMC = 0	967 24 00	ELSE		30044 34		DO WHILE INPUT DATA IN BUFFE	LE L	F ( DATAMC .LE. 0 ) GO TO 490	IFLO FOR DATA WOFD	DENT = AND (7, SHIFT (MSPIBUR	10000	UEN 11	TOWNS # 1	IF (IDENT) 410,400,410		*IDENT ED D		10.5	CIANTAL TERMINATION OF THE TANK OF THE TERMINATION OF THE TRANSPORT OF THE
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			v		280 C	v			•	288	•			704	•	290 C				01,	د	625	411		J •	300				U	305	O	O			310	714	5	24.6		315	The state of the s		4.20	320 6		421		υ	325				330	

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O	,MSPIBUF(INFINOX))		3 5 2	
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	TAPSTZEL GO TO 443		22	
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2	* 4 7 3 4 0 4		778	
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v			347	
	= Datawc - 1		6 3 5	
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			353	
			752	
450	1.6.0		555	
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o (	FCODE LONGITUDE	CUE	375	٠
	ALUE AND (778 SHIFT (MSPIRUF (INPINOX		377	
•	1,60-711		378	
	ALUE=FLOAT (IVALUE) *5.625		379	-
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12.45.22.	3 4 5	3 4 3	304	u de M	99	387	a) (3)	386	300	391	3.62	363	354	395	3 5 6	367	208	300	007	401	705	4 03	707	507	200	α α α α α α α α α α α α α α α α α α α	000	410	411	412	413	777	\$ 1. 1.	1.17	7 -1	. 0	420	421	452	423	101	426	427	428	624	5 4 5	2 2 2	7 7 7 7	434	1 m	436	
.21/06/15	486	4SP	a S F	Q	dsw	a.v.	doz	a v	Q	455	d'S N	dS.	40.	4Sh	do *				d S z	dS.	MSP	424	2 2	2 3	1 00	000	a 5 Z	1.02	d S M	d i	M Sta	T SP	2 2	00	0	. a. 	A SA	dSM	a Si	452	1 0	25× CO	Q.V.	d.V.W	487	400	2 2	2	a .	dS.	d S J	
-0.50 Alt 65.05		THEN	NO FRPO	ITRO = 0	7	ELSE	CONTINUE	60 H 61	IEso = i	CONTINUE	FIGNE	SET TOLFRANCE FROOP STATUS	CALL SETBIT (4, ESTATUS, IF 59)		CECODE LATITUDE		IVALUE= AND (778, SHIFT IMSPIBUF (INPINDX	1,60-1))	VALUE=FLCATTIVALUE: *5.625	DIFF=ABS (VALUE-ZLAT)		IF ( DIFF .GE. 11.25 ) GC TO 456	THEN	NO HARON		000 t 00 00 U	CONTINUE	ERPCP	IFRP = 1	CONTINUE	ENOIF	SET TOLERANCE EPROP STATUS	CALL SETBII(5, ESTATUS, IERR)	Set Of OS	TE (TOENT-61470-441-470	CONTINUE	*IDENT FO 5		DECODE ALTITUDE COMPENSATION		ALCO, TONE OF PROPERTY	ONIGNETTHE AND CADDOOM, MADERAL FIGURES	IF SIGN BIT = 1	IF ( SIGNAIT .ED. 0 3 GO TO 462	THEN	MAKE VALUE NEGATIVE	TALICAL = -IVALUE	40+ 0- 00 L	7	EAVE VALUE	IVALUE	
		O	O		445	v	452	O		454 054	٥			33	J 554	1				760	o		3 (		465	•	456	O	470	453		v	7.75	1.60		194		4 P.D. C				485	O		O		064	C	74.62	9	567	

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2007	707	40.5	967	407	. o.	500	501	502	204	505	506 707	10 C	50.6	510	512	513	515	516	71.14 71.14	) () () () () ()	520 521	525	72.2	7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	527	529	530	531	544	725	536	537	53.8	240	541	543	544	240
G G		20.2	et S. w	0 00 X	4 S	45.4	0 0 0	1.45	Д. У.	dS.	001	dox	#S#	2 2	dS.A	a. € Ø	1 0 O E	do #	000	0 C	000	dSX	2002	40.2	a.S. *	a S N	MSP	D. 00	484	d S X	0.00	404	2 2	dS.X	d S A	dS x	100	L C A
CONTINUE SECET *IN* TO *EMA*	OF THE AUR	1	u	IPL = TRUE.	ELSE ELSE	CONTINUE PROCESSING CIHER CCMMANNS	CONTINUE	IS A MULTI	IF ( COMMAND .NE. 6 ) GO TO 690		DODOFIN MILITARY AND TOUR TOURS OF THE STREET STREE		SCUMMC = ACCUMMC + 32	FLSE CONTINUE DEOCESSING CINED COMMANDS			ALL OTHER COMMANDS ARE TREATED AS NO-CPS		50 TO 190		OUTPUT PROCESSING STARTS HERE	FIG. 1. TRUE.	o.	= MSP8IT	F-TEST IS IN PROCPESS	LFTST		DECREMENT SELF-TEST COUNTER	ST HAS NOT	ST .EG. 0 ) (	10	ITUS = .FALSE.	SET PECEIVE BUSY BIT	, w	CONTINUE	FUSE FORCE DUIPLT OF NON-ZERO BIT STATUS WORD	311 =	CONTINUE
							001	ZU	IF						5	ů.	4	-	SONT TWO	ENDBO	DUTPU	OCTATIC		BIT =	IF SEL	) jI	E										,	3 (

	IF ( IREEL .GE. 600 ) GC 10 790 THEN	\$ S \$ \$	503	
ى د	FT FLAG TC	2	40.90	
,	- FALSE.	<b>d</b> S ≥	603	
O	8 7II	₹ SP	606	
	AND C BIT,	u (	607	
	GO TO 800	2 G	0 C	
1967	CONTINUE	0 0	619	
U	-	₽S.	611	
	= OR( BIT,	2 2	612	
300	GCNINO	2 0	613	
3	NOUTBUF = 1	ack	615	
		48 ×	616	
v	GE :F	252	617	
	I .NOT. MMERROP 1 GO TC 91	484	619	
U	THEN	as N	620	
O	SET BIT 2 IN BIT STATUS WORD	d S N	621	
	2	\$ C	525	
t	11	2 2	200	
<i>ي</i> د	LEAVE BIT 2 CFF	d S X	625	
910		dS.	629	
٥		d 5 2	627	
•	DE BIT, COPPL(CLOBIT)) . AND. 17017	Z 2	62.00 0.00	
	CHANGED (BIT CHANGES LO	d S	630	
		dSM	631	
,	IF ( IVALUE .EG. 0 ) GO TC 930	2 2	632	
ی د	0	L D	72.0	
ى د	ITOUT BUFFER	2	2.00	
,	RT = 08(57,1)	Q.V.Y	636	
	MSPTRUF(1) = RT	a.S.w	129	
	5	45.	6.38	
	000150" = 2	0 0	2 4	
	50 TO 940	0.00	644	
S		MSP	642	
		4SF	279	
930	BIT = 8	a.	614	
	MOUNT INCOME	2 2	645	
ي د		1 0 V	. run	
0	CUIPUT DATA SHOULD RE S	L C	648	
	00 4 00144100	dy H	649	
U	THEN	d S	651	
. 0	ASE MODE VALUE (OFFICE	d v	652	
ပ	GO TO ( 820, 840, 865, 880), OPTION+1 IF(OPTION)846,820,840	E &	653 654	
3		2	200	
			622	

8										A THE RESIDENCE OF THE PROPERTY OF THE PROPERT		The second secon										And the second s											the state of the s									
759 G2X	9	NSP 660	do		a	ds															450		MSP 687													407 q2M	SP	907		601 dSa		
PROCESS MAGNETORETED DATA		IF PRELIMINARY EVENT FLAG ON IF ( IEVENT .ED. 0 ) GO TO 825		SET ST DATA AVAILER	V TYME .	AADDET (IEVE	* 0.1 * (2.0	AANE (VALUE) - 14 00 3	THOO IN THE PROPERTY OF THE PR				CALL MSP PACKI 13, PTIMLAT, 0.125,	MODIFIED TAILE SOUTH		OMIT PRELIMINARY EVENT DATA	2	FNOIP	DOWHILE MAD EVENT POSSIGLE			CONFIRM DETECT FLAG ON	THEN THEN	SET PT DATA AVAILABLE	RT = CR( PT, 439P)			1	INSERT INTO OUTSUT BUFFER	CALL PSP PACK 13, TIMLATF, 0.125,	MSP IRUF (NOUTBUF) = IVELUE	INSERT SLANT RANGE INTO OUTPUT	NOUTPUF = NOUTBUF + 1	TVALUE = AMADDET(I,4)	200	RESET FLAG TO ZEPO	AMADDET(I,8) = 0		NATINUS	L + C Z L	4	ENDCO
	00	720	O	υ		725			v	730	υ			51.2	9	O	825	76.0	0	833		2,50	(45	, e		٥	(50 t		U	155		v		760		0		765	935	0		270 C

BAGE

757	769	772	772	773	774	7.75	4//	779	770	Car	100	7.82	7.93	784	4 ~	787	6.00	789	700	7.52	163	757	795	796	7.57	000		, a	600	E0 a	204	10 00 00 00 00 00 00 00 00 00 00 00 00 0		a C C K	800	810	811	×12	814	815	P16	817	מ ט יין די מ	820	822
200	dS 7	2 2	452	2	0 0	2 .	1 0	200	2	4	. 0.	MSE				dy	g	484	2 2	ASP.	a. V	as z	asw	e S E	2 2	L (1)	2	A V	aSW	<b>a</b> S <b>2</b>	a (V)		L n.	40.	av.	do#	Q 0	1 0	GSH .	MSP	T S F	Q. C.	2 2	dyn	Q. S.
162 16 840		DE SOUTH STATE OF THE STATE OF		880 CONTINUE		960	FNUCASE	SET MOUNT IN THE STATES	בו כבו אויי פעודו ואכטייטריב	CONTRACTOR DESCRIPTION OF THE CASE	PLANTING CONTINUE	C ENDIF		F RT STATUS HAS CHANGED OR IF SOMETHING IS IN OUTPUT BUFFE	# # # # # # # # # # # # # # # # # # #	No. of the control of	OLDRT = 91 .ANC. 2777		AT STATUS WORD INTO OUTBLY BUFFE	MSP18UF(1) = 91	STATUS SENT FLAG IS PESET	L1(8) .E0. 1	THEN	IF DATA SENT FLAG IS PESET	THEN THEN	NT VA	SILVISO TON S ILL	ZUIN-	SET NATA S		35 13		FINE		PACK OUTFUT RUFFE		CALL PACKPPE 8.	COOM SECRET COOL		NB∀TES=NCUTBUF ← NOUTBUF	NWORDS=(N9YTES+4)/5		C CHANGE OLD BIT STATUS TO NEW AIT STATUS		ET CP DATA AVAILABLE SI
		0.30				•	835	designation of the section of the se			640				u a				4	929				855				860					600				873				875			A CONTRACTOR OF THE CONTRACTOR	880

-5		4SF	822	0
		dS.F.	923	
O	SET STATUS SENT FLAG	d.S.»	700	
	18FUL1(A) = 1	90.	825	
885	60 10 10 10	GS X	826	
•	1 00 1 00 1 00 1 00 1 00 1 00 1 00 1 0	000	827	
1		402	828	
6	C OSON BODDE IN ERECO MOSO S	a S N	829	
	IXFRER(3) = OR( IXFRER2(3),2008)	0.02	630	
000	60 TO 1875	000	124	
C	u	0 ×	832	
0	573	as <b>x</b>	F) &	
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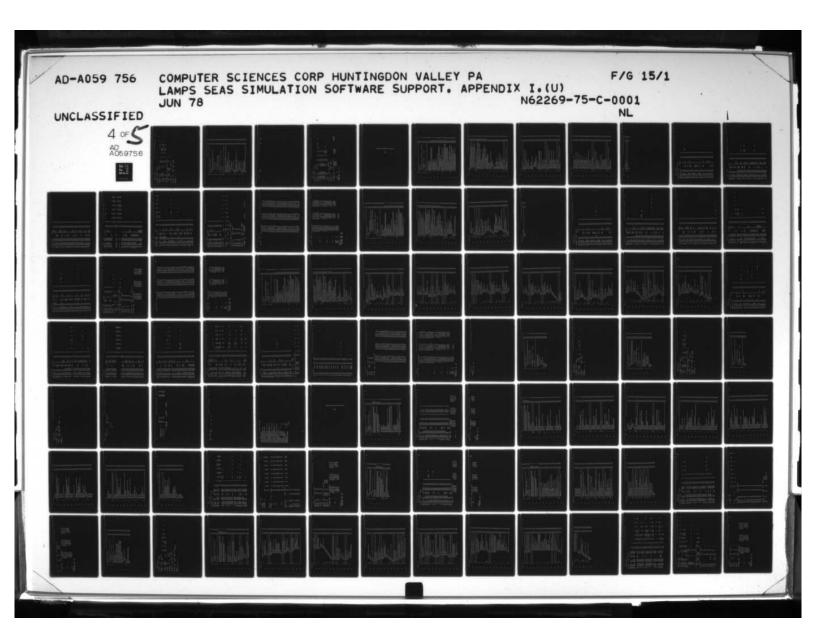
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	COMMEN /CONST / AMCENS(16)	NaL BNK	26
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	F (48), MSP0BUF(17), MSPTBUF(40)	NBLANK	30
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	CALL EXPAND( 16, NIUIBUF(K), SPLIT)	NIUL	203
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	PRINT 110, K, (SPLIT(J), J=1,16)	COL	210
-	CHOINPUL BUFFER MORL+,1	NIG	211
	CALL ADVANCE No KLAA	201	217
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	ENDOG	LOLN	215
O	PRINT MESSAGES	NIUE	216
	K .NE. KIN .ORNOT. PRINTON ) GO TO 220	NIUD	217
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CALL MIDIT  C	
C PRINT OUTPUT BUFFEE  C K = 1  C DOBIT = AND( 1, SHIFI ( ICAR(2), 60-4))  PRINT CONTINUE PEPEE PEPTY  IF ( CPRIT , NE. PPETI) GC TC 320  THEN  THEN  THEN  PRINT INCOMMITTUE HESSAGE  PRINT INCOMMITTUE HESSAGE  PRINT INCOMMITTUE HESSAGE  C OMIT HESSAGE  C	
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C THEN TOUR TOUR TOUR TOUR TOUR TOUR TOUR TOUR	
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C CPRIT = AND (1. SHFIT (IDAM(1), 60-4))  I FOUTUP UPFEC FFOT (CAPLT), 60-4))  I C CPRIT ,NE, PPFIT (CAPLT), 60 TC 320  THEN THORNATIVE HESSAGE SELECTEC  IF (NOT, PRINTOK) 1 GO TC 310  THEN THORNATIVE HESSAGE  C THEN THORNATIVE HESSAGE  C CONTINUE  C CALL EXPANDO (17, NIUTOUF (X1, SPLIT))  C CALL EXPANDO (17, NIUTOUF (X1, SPLIT))  C CALL EXPANDO (17, NIUTOUF (X1, SPLIT))  C CONTINUE  C C	
C DIFFURENCE OF STATE	
C FPELL SHIPTI LUBRICS, 60-43)  C THEN MESSAGES SELECTEC  I ( CPRIT, NE, PPELL) GO TO 323  THEN MESSAGES SELECTEC  I ( NOT, PRINTON ) GO TO 310  THEN INFORMATIVE MESSAGE  C COMMIT WESSAGE  C CONTINUE  C C COONTINUE  C C C C C C C C C C C C C C C C C C C	
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F ( CPBIT , NE, PPFII ) GC TC 320	
C THEN THE SAGES SELECTED  THEN THE NOT. PRINTOR 1 GO TG 310  THEN TO PRINT OF THE MESSAGE  PRINT 330  ELSE ONTINUE  C CONTINUE  C CONTINU	
FPINT MESSAGES SELECTEC   IF (.NOT. PRINTON ) GO TC 310     THEN   PAINT INFORMATIVE MESSAGE     PAINT 310   FORMAT (*0EMPTY OUTPUT SUFFER*)     GONTINUE   FORMAT (*0EMPTY OUTPUT SUFFER*)     GONTINUE   FORMAT (*0EMPTY OUTPUT SUFFER*)     GONTINUE   FORMAT (*0OUTPUT BEFER*/*OHEADER WORD =*,021)     FRINT 330   PAINT HEADER WORD     FRINT 330   PAINT SUFFER*/*OHEADER WORD =*,021)     FRINT 350   FORMAT (*0OUTPUT WORD     COMMILE SOMETHING IN THE CUTPUT RUFER     DO 370   EXPAND OUTPUT WORD     CALL EXPAND (17, NIUTBUFK), SPLIT)     FRINT 360, K1, (SPLIT(J), J=1,17)     FORMAT (*0OUTPUT WORD     CALL EXPAND (17, NIUTBUFK), SPLIT)     FORMAT (*0OUTPUT WORD     CALL EXPAND (17, NIUTBUFK), SPLIT (1), J=1,17)     FORMAT (*0OUTPUT WORD     CALL EXPAND (17, NIUTBUFK), SPLIT (1,5))     GONTINUE   FORMAT AVAILABLE BIT     CONTINUE   FORMAT AVAILABLE BIT     CONTINUE   FORMAT AVAILABLE BIT     CONTINUE   FORMAT AVAILABLE BIT     CONTINUE   FORMAT (*10 AM (2), SHIFT(1,5))     FORMAT	
THEN   THEN   THEN   THEN	
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THEN	
C PRINT INFORMATIVE MESSAGE PRINT 30  FORMAT(*DEMPTY OUTPUT GUFFEP*)  C CONTINUE C C CONTINUE C C C C C C C C C C C C C C C C C C C	
PRINT INFORMATIVE MESSAGE  PRINT 30  FORMAT(*DEMPTY OUTPUT BUFFER*)  C CONTINUE  C CONTINUE  C ELSE  320 CONTINUE  C ELSE  331 FORMAT(*OUTPUT BUFFER*/*DHEADER WORD =*,021)  FORMAT(*GOUTPUT BUFFER*/*DHEADER WORD =*,021)  FORMATION TO THE BUFFER*/*DHEADER WORD =*,021)  FORMAT(*GOUTPUT BUFFER*/*DHEADER WORD =	
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### SAGE   FORMAT(*DEMPTY OUTPUT BUFFER*)    C	
C C CONTINUE  C ELSE  C ELSE  GO TO 400  C ELSE  GO TO 400  C ELSE  C ENDIF  SAD CONTINUE  AND THE COUPUT PREER * COLTON  C COMMAILE SOMETHING IN THE CUTPUT RUFFER  C DO 370 K=1, KEN  C CALL EXPAND (17, NIUTBUFKX), SPLIT)  C C C C C C C C C C C C C C C C C C C	
C CONTINUE  C ELSE  320 CONTINUE  C ELSE  320 CONTINUE  C PRINT HEADER WORD  PRINT 330, NUCEUFI)  SA33 FORMAT (*000TRUT BUFFER*/*DHEADER WORD =*,021)  KEND = AND( 3777B, SHIFT(NIUOBUF(1),65-13))  C PRINT SOMFHING IN THE CUTPUT RUFFER  DO 370 K=1,KEND  C CALL EXPAND (17, NIUTBUF(K), SPLIT)  C C C C C C C C C C C C C C C C C C C	
C ELSE  320 CONTINUE  C ELSE  320 CONTINUE  C ELSE  320 CONTINUE  C ELSE  SAD FILL HEADER WORD  PRINT 330, NIUCEUFLI)  SAD FORMAT (*COUTPUT EUFER*/*OHEADER WORD =*, C21)  KEND = ANG (37778, SHIFT(NIUGOUF(1), 60-13))  C CALL EXPAND (17, NIUTGUT RUFER  C CALL EXPAND (17, NIUTGUT	
310 CONTINUE  C ELSE  320 CONTINUE  PRINT HEADER WORD  PRINT T30. NIUCEUFIL)  S31 FORMAT (*GOUTPUT EUFER*/*GHEADER WORD =*,C21)  KEND = AND (3778, SHIFT(NIUCEUFI), 60-13))  C CALL EXPAND (17, NIUTEUFER)  C AALL EXPAND (17, NIUTEUFER)  C CALL EXPAND	
C ELSE  320 CONTINUE  320 CONTINUE  330 PRINT 330, NIUCEUF(1) FORMAT (*00UPUT BUFER*/*DHEADER WORD =*,021) KEND = AND ( 377B, SHIFT(NIUOBUF(1),65-13)) C ROWHILE SOMETHING IN THE CUTPUT RUFER  C CALL EXPAND (17, NIUTBUF(K), SPLIT) C C CONTINUE C C TOGGLE PP DATA AVAILABLE BIT C TOGGLE PP DATA AVAILABLE BIT C TOGGLE PP DATA AVAILABLE BIT C TOGGLE PP DATA SVAILABLE BIT	TANNA NA
C ELSE  320 CONTINUE  PRINT HEADER WORD  PRINT 330, NIUCBUF(1)  S33 FORMAT ** GOUTPUT BUFFER * /* SHEADER WORD = *, O21)  KEND = ANG ( 3778, SHIFT (NIUGBUF(1), 60-13))  C SOMHILE SOMETHING IN THE CUTPUT RUFFER  DO 370 K = 1, KEND  C ALL EXPANO! 17, NIUTBUF(K), SPLIT)  RINT OUTPUT WORD  C ALL EXPANO! 17, NIUTBUF(K), SPLIT)  RINT S60, K1, (SPLIT(J), J=1,17)  FORMAT (** GOUTPUT WORD **, 13, ** = *, 1x, 11, 2x, 16(1x, 11))  C ENDDO  C TOGGE PP DATA AVAILABLE SIT  C TOGAL SOME SIT  C TOGAL SOME SIT  C TOGAL SHIFT(1,5))  400 CONTINUE	
C ELSE  320 CONTINUE  PRINT 330, NIUCEUF(1)  SAC FRENT 330, NIUCEUF(1)  FRINT 330, NIUCEUF(1)  FORMAT (*00UTPUT BUFFER*/*0HEADER WORD =*,021)  FORMAT (*00UTPUT BUFFER*/*0HEADER WORD =*,021)  FORMAT (*00UTPUT BUFFER*/*0HEADER WORD =*,021)  C REAL EXPAND (17, NIUTBUF(1), SPLIT)  C CALL EXPAND (17, NIUTBUF(K), SPLIT)  C RAIL EXPAND (17, NIUTBUF(K), SPLIT(1,5))  C TOGGLE PP DATA AVAILABLE BIT  C TOGGLE PP DATA AVAIL	
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320 CONTINUE  PRINT 330, NIUCEUF(1)  PRINT 330, NIUCEUF(1)  FORMAT (*00UTPUT BUFFER*/*OHEADER WORD =*,021)  FORMAT (*00UTPUT BUFFER*/*OHEADER WORD =*,021)  FORMAT (*00UTPUT BUFFER*/*OHEADER WORD =*,021)  C	TO BE DO TO
320 CONTINUE  C PRINT 330, NIUCEUF(1)  FORMAT(*00UTPUT BUFFER*/*DHEADER WORD =*,021)  KEND = AND (37778, SHIFT(NIUCBUF(1),60-13))  C DOWHILE SOMETHING IN THE CUTPUT RUFFER  DO 370 K=1,KEND  C ALL EXPAND CUTPUT WORD  C ENDO  C EXPAND CUTPUT WORD  C ENDO  C C C C C C C C C C C C C C C C C C C	TUTA MICO TUTA TUTA TUTA TUTA TUTA TUTA TUTA
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C EXPAND OUTPUT WORD  CALL EXPAND(17, NIUTBUF(K), SPLIT)  PRINT OUTFUT WCPC BI1-9V-BIT  KI = K + 1 PRINT 360, K1, (SPLIT(J), J=1,17)  370 CONTINUE  C FORMAT(*OUTFUT KORC*, I3,* = *,1x,I1,2x,16(1x,I1))  C FORDO  C TOGGLE PP DATA AVAILABLE BIT  C TOGGLE PP DATA AVAILABLE BIT  C TOGGLE PP DATA STANDER BIT  C	
55 360 CONTINUE C FORMAT(*COUTFUT MCRC BI1-9V-BIT K1 = K + 1 PRINT 360, K1, (SPLIT(J), J=1,17) 370 C FORMAT(*COUTFUT MCRC*, I3,* = *,1x,11,2x,16(1x,11)) C C FORMAT(*COUTFUT MCRC*, I3,* = *,1x,11,2x,11)) C FORMAT(*COUTFUT MCRC*, I3,* = *,1x,1,2x,11)) C FORMAT(*COUTFUT MCRC*, I3,* = *,	
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55 360 FORMAT(*COLTFUT(J),J=1,17)  370 CONTINUE  C ENDO  C TOGGLE PP DATA AVAILABLE BIT  C IDAW(2) = XOR( IDAW(2), SHIFT(1,5))  400 CONTINUE	
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		IF(COMMAND-11540, 102, 540	NIU1	125
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		IF(TR)306,310,306	NTU	132
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		NIUBUF(1) = NIUTEUF(INPINDX)	NICI	17.0
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		AND ( 1, NIUI BUF ()	NIU1	170
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		* 900010°0 * IDDITATION IN THE STATE	NIUI	173
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		AND THE WALL OF THE	NTOIN	175
535	ن	365	NTOIN	177
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	,	NIUGLF(4) = NIUIEUF(INPINDX)	NIUI	210
270		NIUIBUF (INPINCX) = 0	NICT	211
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		IF (INFINGX-INFSIZE) 445-450-445	2012	213
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DECREMENT TIME LEFT IN SPLE-TEST	CONTINUS CELETAT A CELETAT 4	TE SELF-TEST HAS TIMED CUT			NIUTBUF(1)=RT.CR.18 NIUTBUF(2)=RT	NOUTRUF=2	0L0811=0 ELSE	CONTINUE		CONTINUE	HAS CHANGE	IVALUE = AND( BIT, COPPL(CLDBIT)) .AND. 701778	IF(IVALUE)613,617,613 THEN	LACE RT WITH TAF	INTO OUTSUT FUFFER	of = RT .0R. 12	NIUTBUR(1) = DT	OUTRUF = 2	ELSE	1	CLOBIT = BIT			(.NOT. PROINITHGC TO 632	THEN	HZ DA	35, 625, 62	SONTINUE	TA AVAIL	CR ( PT, 400B)	VOO!	Tour tes
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O	FLAG NOT SET	NIO1	403	
656	CONTINUE	NTU1	707	
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	IDAW(1) = XCR( IDAW(1), SHIFT(1,4))	NIU1	90 %	
	99	NTOI	407	
e e		NIU1	40.4	
099	CONTINUE	NTOI	507	
S	DATAD	NTOI	410	-
		NICI	411	
S		NIU1	412	
U		NTOT	413	
O	SET ERROP HOPD WHEN STATUS OR OPTA SENT FLAG NOT RESET	NTUI	414	
599	POST I NO P	NIUI	415	
	IXFRERE(2) = IXFRERR(2)	NIUI	416	
	= IXFRERR(3) .08.	NIUI	417	
		NIGI	æ + +	
v	d ICN to	NTOT	410	
O	150	NIU1	027	
ပ	SET ERROR WORD 1 - DATA NCT ACCEPTED BY PP	NTUI	421	
569	CONTINUE	NICI	422	
	HXFFERECT) = IXFRFACT) - CP. 20R	NIU1	423	
	CONTINUE	NIUI	424	
	w	NIUI	425	
3		NTOI	426	
O	END OF MODULE	NIU1.	427	
3		NIOI	4.2.0	
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NUCCE	NOCON P	2000		NOCCM 6	NOCCW 10	NDCCM 11	NUCCM 12	FT EUCON	NDCCM 14	NOCCM 15	NDCCM 16	NDCCM 17	NDCCM 18	NDCCM 19	2		NCCCM 22			NUCCM 25			NCCCM 29	NOCON			NUCCH #5
D	C SUBROUTINE ADVANCE (POINTER, LWA)	ABSTRACT THE DOLLARM TROOFMENTS A DOTNIED BY A TE THE DOTNIED MAN	ALPGADY SET TO AN LEG. THE POINTER IS RESET TO 1.		PCINTER - CURRENT VALUE OF POINTER		LWA - LAST WORD ACORESS FOR POINTED		CODING HISTORY	1. PROGRAMMEDALFX PODLECKI 11/04/77		END OF ABSTRACT				SUBSOUTING ADVANCE( K. KEND)	IS LESS THAN LWA	IF ( K .EA) 6C TO 100	Zuill	NCREMENT POINTER	⊼ II X + 1	ווו	T POINTER TO FWA	100 CONTINCE	다   II   노	CIONE	END
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	0.6	)	M O O O O	36	
			2000	8	
	C SUBROUTINE EXPANDIN, IN, OUT)		NUCCE	6,	
. 5			LOUCK	04	
	ABSTRACT		MODEN	4.1	
	-	N WORD APPAY SUCH THAT	NOOLN	4.2	
	3	AINS PIT N-2,	NOCON	7.7	
	C AND MORD N CONTAINS BIT 3 ( PIGHT JUSTIFIED WITH 2FRO FILL	STIFIED WITH 7FRO FILL )	MULCN	7.5	
10			N C C C C C	4.5	
	C M - NUMBER OF PITS TO BE EXPANDED		NOCON	97	
			NOCON	4.7	
	C IN - INPUT WORD TO BE EXPANDED		NOCOM	é 7	
	•		MUUCN	0.4	
15	C OLT - OUTPUT ARRAY TO RECFIVE EXPANSION	NOI	MUDGN	50	
			MULLIN	51	
	C CODING HISTORY		NOCOL	55	
	C 1. PROGRAMMEDALEX PCDLFCKI	11/07/77	MUUCN	53	
			NOCON	24	
20	C END OF ABSTRACT		NOCCE	55	
	0		MUUCN	26	
			NOCCE	57	
			NDCCM	5.8	
	SUBPOUTINE EXPAND( N, IN, IOUT)		NUCCE	0,00	
52	DIMENSION TOUT (N)		MULLI	60	
-	IN2 = SHIFT ( IN, 61-(N-1))		NDCCM	61	
	C DOWHILE ANDTHER BIT TO BE EXPANDED		NOCON	6.2	
	DO 100 K=1.N		NOCON	63	
	C MASK OUT DESIREC PIT		MUDDEN	64	
30	ICUT(K) = AND( INZ, 1)		NOCON	6.5	
	C SET UP FOR NEXT BIT		NOCON	FE	
	IN2 = SHIFT( IN2, 1)		NOCON	67	
			NOCON	e s	
	C ENDOO		NOCUM	69	
35	RETURN		NDCCM	7.0	
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PAGE 79/06/12. 15.46.26. -0 - 15 - 15 - 2. HINARY CCNTROL CARDS. 00 X IDEN ENTRY POINTS. a0x LENGTH NOS STORAC LLOCATION. ADDRESS

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PAGE 74/36/12. 15.46.26. MPASS - VER 2. 2/08 J 2012 2102 E PRCGRAM\* SYMBOLIU REFERENCE TABLE. XOR

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74/36/12. KPCNDS 2.1.1-SYS-C24-NADC.
                                                                                                                                                                                                                                                                                         15.45.41.*** HARNING, RETURNING PRIOR NEWPL ***
15.45.42.6REATING NEW PROGRAM LIBRARY
15.45.44.51.0PDATE COMPLETE.
15.45.44.FTN, I=COMPILE, P=3.
15.46.1C.
2.208 GP SECONDS COMPILATION TIME
15.46.11.UPDATE, I=NIUTPL, L=1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5.46.13. UPDATE COMPLETE.
5.46.13.FIN, I=COMPILE, R=3.
5.46.2f. 1.049 CP SECONDS COMPILATION TIME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.66
                                                                                                                                                                                                    5.45.22.FTN, I=COPPILE, F=3.
5.45.40. 2.007 GP SECONDS COMPILATION TIME
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15.46.11.CREATING NEW PROGRAM LIBRARY
                                                                                          15.45.17.6ET, MFCSO, MSPSGC, CMUXO, NIU1PL
                                                                                                         15.45.19.UPGATE, I=MSPSEC, L=J.
15.45.19.UPGATE CREATION RUN
15.45.19.CREATING NEW PROGRAM LIBRAOV
15.45.21. UPGATE COMPLETE.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       15.46.26.04YFILE.O.
15.46.27.USER DAYFILE DUMPED.
15.46.27.DISPOSE.O=P?/EI=CD9002.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5.46.27.COMPUTER UNITS AT.10
5.46.27.CP 6.476 SEC.
5.46.27.CM 29.393 KWD.
5.46.27.IO 10.002 SEC.
                                                                                                                                                                                                                                              15.45.40.UPDATE, I=CMUXO, L=0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5.46.27.IM 26.506 KWD.
5.46.27.TAPES SCHFOULED 00
5.46.27.PACKS SCHFOULED 00
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                                              15.45.16.CSC, C877777, T3C.
                                                                   15.45.17.ACCOUNT, SC1 134..
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ORDNANCE LAUNCH CONTROL SET MODULE

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C END CE ASSTRACT  C CHOCK ASTRACT  TATOTOCIS, TATOHIS, 1000PP1131, 10		COULTS HIS OF	2010		
C COMMONANTIAL TYPE TOUR CEG, 31. LWINGTEL 31. NWOUTPYLLT, 1. PFRER 13:		1. PROGRAMED J. MANGES CSC DEC.JAN 1977,	נרכי	•	
CCHMONASTHUATYPROUGESTAILMINGTERS, MANUTERIES, STRULAT **HANGESTAILMINGTERS***		END CF	CLCS	o'	
C CCMMCX/SIMULT/IRTQUER(59,13).LW/MCT(13).NWOUTPT(13).12FRER(13).  **INTONC(7).INTONC(			3070	10	
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**INDOES, TIME, **BUDYTC2, 251, FULZ413)  **TORPED(13-2), ITORDS,NIOSPS,19FULZ413)  C COMMON/DULZ73, ITORDS,NIOSPS,19FULZ413)  **TORPED(13-2), ITORDS,NIOSPS,19FULZ413)  C COMMON/DULZ73, ITORDS,NIOSPS,19FULZ413)  C COMMON/ORIVEZ/RCCORS, ITORNIOSPS,19FULZ413)  C COMMON/ORIVEZ/RCCOUNTR  C DATA ICCOM/ON  DATA		*IATOTOG(3), IATOM(4), TOADTPP(103), LUPALK(270), IDAW(2), HELC(241,	SIMPLE	7	
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CCOMPONENTIAL TORINS, NIOGES, 18FUL113, 1FFUL2113)  CCOMPONENTIAL TORINS, NIOGES, 18FUL1113, 1FFUL2113)  **COLUME TORING		TOTAL TENENT TOTAL	27717		-
CCWWGN/MODULE/IS, IERGGE, IFTSING, TOLDBY, IDATWO2, ICLODNY, WOOLLE **ICLODN2, IRITEMP, IOLDBS*, ICCDK, IGSTATE, ISANAY, MODULE **ICLODN2, IRITEMP, IOLDBS*, ICCDK, IGSTATE, ISANAY, MODULE **ITAMAY, ODG, ISXIP-SECRIC, TCALC, IDATTR, IRITR*  C COMMON ORIVES ANGOUNTR  C DATA ICCDM/O,  DATA ICCDM/O,  DATA ICCDM/O,  DATA ITEMS (**Cott)  DATA ITEMS	15	*TORPED(3,2),ITORDS,NIORPS,18FUL1(13),1EFUL2(13)	SIMPLAT	a.	
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DATA TIME/3601.  DATA HELC/3.14,-1.0.9*0.460.500.100.5*0.60.3*0./  DATA HELC/3.14,-1.0.9*0.460.500.100.5*0.60.3*0./  DATA HELC/3.14,-1.0.9*0.460.500.100.5*0.60.3*0./  DATA HIND/45.10./  **IQLOBSK/1440008.1777770.17770.17772.18175WD.  OLCS  DATA INTSTAD.10LDRT.10ATWD1.1DATWD2.10LDDW1.10LDDW2.1B1T5WD.  OLCS  OATA INTSTAD.10LDRT.10ATWD1.1DATWD2.177770.17772.1440008.  **IQLOBSK/1440008.0LCS  OATA INTOTOC/3.0./  DATA INTOTOC/3.0./  OATA INTOTOC/3.0./  OATA INTOTOC/3.0./  OATA INTOTOC/3.0./  OATA INTOTACA/4.0./  OATA INTOTACA/4.0./  OATA INTOTACA/4.0./  OATA INTOTACA/4.0./  OATA INTOTACA/4.0./  OATA INTIAL CHUTE LCADING  C. SET INITIAL CHUTE LCADING  C. SET CHUTE	30		5070	22	
DATA HELC/3.14,-1.,0.,9*0.,400.,500.,100.,5*0.,69.,3*0./  DATA ISAWAY.ITAWAY/2*0/  DATA ISAWAY.ITAWAY/2*0/  DATA ISTSTWD.IOLORY.IDATWD1.IFATWD2.IOLODW1.IOLDW2.IBITSWD.  *IQ40008/ *IZAMA ISTSTWD.IQ4008/ *IZAMA IQCONTR/O/ *IZAMA ICCONTR/O/ *IZAMA			5270	23	
DATA ISAWAY,ITAWAY/2*0/ DATA WIND/45.10./ DATA WIND/45.10./ DATA WIND/45.10./ DATA WIND/45.10./ *IOLDBSK/144000R.144000B.1776038.177778.17778.144000B. CLCS *IA4000B/ *IOLDBSK/144000R.144000B.177778.17778.17778.144000B. CLCS *OATA IRFULI(7).IRFUL2(7).ICAW.SBCALC.TCALC,IGSTATE,IDATTR,IRTTP/ OATA IRTOTOS/3*0/ DATA INTOTOS/3*0/ DATA INTOTOS/3*0/ DATA IRTOMA4*0/ DATA IRTOMA4*0/ DATA IRTOMA4*0/ DATA IRTOMA4*0/ DATA IRTOMA*O/*OLOSOMA*O/ DATA IRTOTOS/3*0/*OLOSOMA*O/ DATA IRTOMA*O/*OLOSOMA*O/ DATA IRTOMA*O/*OLOSOMA*O/ DATA IRTOTOS/3*0/*OLOSOMA*O/ DATA IRTOTOS/3*0/*OLOSOMA*OLOSOMA*O/ DATA IRTOTOS/3*0/*OLOSOMA*OLOSOMA*O/ DATA IRTOTOS/3*0/*OLOSOMA*OLOSOMA*O/ DATA IRTOTOS/ANOMA*O/ DATA IRTOTOS/ANOMA*O/	The second second second second second second	HELC/3.14,-1.,0.,9*0.,400.,500.,100.,5*0.,60.,3*0	SOTO	54	-
DATA WIND/45.10./  DATA INTSTWD.10LDRT.1DATWD1, IPATWD2.1OLDDW1, IOLDDW2.IBITSWD,  *IOLDRSK/144000R.144000B.177603R.177778,17778,144000B.  *144000B/  *14400B/ *144000B/  *144000B/ *14400B/ *14400		ISAMAY,ITAWAY/2+0/	OLES	25	
### ##################################		WIND/45.10.	27.10	26	
*IOLDRSK/144g00ff,144d00ge,177777e,17777e,144d00ge, CLCS *144g00g/ DATA IRFULI(7),IRFUL2(7),ICAM,SBCALC,ICALC,IGSTATE,IDATTF,IRTTP/OLCS 0ATA IRTOTOG/3*0/ DATA ICAOTPP/103*0/,LUF2LK/270*0/ C SET INITIAL CHUTE LCADING C SET INITIAL CHUT	¥.	TETETAN TOLDOT	2 1 2 0	20	
*!OLDRSW/144000R*,144000B*,177778,17778,17778,144000B*, CLCS *!44000B/ *!44000B/ *OLTA IMFULI(7),IRFUL2(7),ICAM,SBCALC,TCALC,IGSTATE,IDATTR,IRTTP/ *OLTA IMFULI(7),IRFUL2(7),ICAM,SBCALC,TCALC,IGSTATE,IDATTR,IRTTP/ *OLTA IMFULI(7),IRFUL2(7),ICAM,SBCALC,TCALC,IGSTATE,IDATTR,IRTTP/ *OLTA IMFORMATION COUNTRY CLCS *OLTA IMFURE/SECTION CLCS *OLTA IMPURE/SECTION		TICK WITH THE HORSTOCKONIC TOLERNIC TOLERNIC	2770	C. I	
*1443008/ 0ATA IRFULI(7).IRFUL2(7),ICAM.SBCALC,TCALC,IOSTATE,IOATTR,IRTTP/ OLCS *9407 *940		0008,1776038,1777778,1776038,177772,144000	מרכז	200	
0 DATA IRFULI(7), IRFUL2(7), ICAM, SBCALC, ICSTATE, IDATTR, IRTTP/ OLCS 0 DATA INCOUNTR/0; 0 DATA INTOTOG/3*0/ 0 DATA ICADTPP/103*0/, UP3LK/270*0/ 0 C SET INITIAL CHUTE LCADING 0 C SET INITIAL CHUTE LCADING 0 C C C C C C C C C C C C C C C C C C C		*1440008/	SOTO	20	
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0ATA NCOUNTRYO, 0ATA TATOTOG/3*0/ 0ATA LWINFT/13*1/ 0ATA LWINFT/13*1/ 0ATA ISTOUFF/650*0/ 0ATA ISTOUFF/650*0/ 0ATA ICAOTPP/103*0/, LUFBLK/270*0/ 0 SET INITIAL CHUTE LCADING 0 C SET INITIAL CHUTE LCADING 0 C C C C C C C C C C C C C C C C C C C			010	31	
DATA IATOTOG/3*0/ DATA LHINRT/13*1/ DATA LHINRT/13*1/ DATA LATOM/4*0/ DATA IATOM/4*0/ DATA IATOM/4*0/ DATA ICADTPP/103*0/*LUF2LK/270*0/ C SET INITIAL CHUTE LCADING C SET INITIAL CHUTE LCADING C SET OUTS CLCS CLCS CLCS CLCS CLCS CLCS CLCS CL	141		27.0	22	
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DATA LKINR7/13*1/  DATA IATOM/4*0/  DATA ICADIMPF/650*0/  C SET INITIAL CHUTE LCADING  CLCS  CLC			2070	72	
DATA IATOM/4*0/ DATA IATRUFF/650*0/ CLCS DATA ICADTPP/103*0/*LUFBLK/270*0/ C SET INITIAL CHUTE LCADING C C SET INITIAL CHUTE C			3070	35	
CLCS  CATA IRTRUFF/650*0/  CATA ICADTPP/103*0/-LUFBLK/270*0/  CATA ICADTPP/103*0/-LUFBLK/270*0/  CATA ICADTPP/103*0/-LUFBLK/270*0/  CATA INITIAL CHUIE LCADING  CATA IRUCYIC(1, J), J=1,25)/5*1.,5*2.,5*3.,5*4.,5*5./	An agent to the same of the same of		נרני	36	
C SET INITIAL CHUTE LCADING  C SET INITIAL CH	45		5070	27	
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C SET INITIAL CHUTE LCADING C			5010	0 0	
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	50	r.	FORMATICSS, "CHECK INITIALIZATION")	טרנו	56	
			WRITE(6,1)	CLTS	57	
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	;	0	ECK ACTION OF ERROR NOPD	3070	60	
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		w	FORMAT (21X, "CHECK ACTION OF ERFOR WOODS")	CLTS	65	
	30		F(6.1)	STO	e.	
				SOTO	67	
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			WRITE(6,2)	כרכי	7.0	
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			CALL TAGS	2000	16	
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			כארר טרכצ	SOTO	7.8	
			CALL PRINT	OLCS	52	
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70 FORWATTENTY.*** TORPEDO MANUAL LAUNCH ****)  C SET MASTER ARM ON  CALL SETAMITIATION OF 1.3.11  SET MANUAL TORPEDO FIFE UISCRETE  CALL SETAMITIATION OF 1.3.11  CALL SETAMITIATION OF 1.3.11  SET MANUAL TORPEDO FIFE UISCRETE  CALL PRINT  PRINT FF. 301 TORPEDO 1.11.10 FOR BOIL 1.2.1  90 FORWATTENT  PRINT FF. 301 TORPEDO 1.11.10 FOR BOIL 3.1  90 FORWATTENT  CALL DICK  CALL PRINT  CALL PRINT  CALL PRINT  CALL PRINT  CALL PRINT  CALL PRINT  CALL CASS  CONTROL OF SET TORPEDO NITH MASTER ARM OFF  MATTER AT TORPOOP FIRE LISSRETE  CALL LAGS  ATTERNATION OF FIRE TORPEDO RIRE LISSRETE  CALL SETAMITIATION OF 1.2.10  CAST MANUAL TORPEDO FIRE LISSRETE  CALL SETAMITIATION OF 1.2.10  CAST MANUAL TORPEDO FIRE LISSRETE  CALL SETAMITIATION OF 1.2.10  CALL PRINT  CALL SETAMITIATION OF 1.2.10  CALL SETAMITIATION OF 1.2.10  CALL SETAMITIATION OF 1.2.10  CALL SETAMITIATION OF 1.2.10  CALL PRINT  CALL PRINT  CALL PRINT  CALL PRINT  CALL PRINT  CALL PRINT  CALL SETAMITIATION OF 1.2.10  CALL SETAMITIATION OF 1.2.10  CALL PRINT	1.75	<u>.</u>	טרני	211
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CLL SETABLY (IANDOCCE).2,1)  CALL STARITIEM TOTOCCE,3,2,1)  CALL SETABLY (IANDOCCE).3,1)  CALL SETABLY (IANDOCCE).3,1)  CALL SETABLY (IANDOCCE).3,1)  CALL DESY  CALL DESY  CALL OLCS  CALL PRINT  CALL OLCS  CALL CCS. AND CHECK THE DESULTS  CALL PRINT  CALL OLCS  CALL CCS. AND CHECK THE DESULTS  CALL CCS. AND CHECK THE DESULTS  CALL CLCS  PRINT CALL CLCS  CALL CLCS  CALL CCS		SET MASTER ARM ON	Sano	214
C SET TORREDO ARM ON  C SET WANDAL TORPEDO FIFE UISCRETE  C CALL STRATITIONG(1).3,1)  C CALL PRINT  C C CALL CLOS  C CALL PRINT  C C CALL CLOS  C CALL PRINT  C C CALL CLOS  C C CALL CLOS  C C CALL CLOS  C C CALL CLOS  C C C C C C C C C C C C C C C C C C C		CALL SETABIT(IA	Sano	215
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CALL STRAITURINGGIT, 21.00.  CALL STRAITURINGGIT, 21.00.  CALL DICS  CALL DICS  CALL DICS  CALL CALL  APTIFICE, 901 TORPEDI1.1), TORPEDI1.2)  GEST FLAGS  CALL FLAGS  CALL FLAGS  CALL FLAGS  CALL CAN SIGNAL  ON HILE I IS LESS THAN SEVEN  ON HILE I IS LESS THAN SEVEN  CALL DICS  CALL PRINT  CALL CASS  CALL PRINT  CALL CASS  CALL FROM TO FIRE TORPEDC NITH PASTER ARM OFF  CALL PRINT  CALL STRAITURINGE  CALL STRAI		CALL SEINGLICIALOICG (11) (41)	200	217
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CALL PRINT CALL PRINT CALL DIGS CALL DIGS CALL CLGS CALL FAINT CALL CLGS CAL		CHECK VARIABLES. CALL CLOS. AND CHECK THE PESULT	כרני	22.0
CALL PRINT WPITE(F, 90) TORPED(1,1), TORPED(1,2)  PORMATICALXX-TORPEDC SPLASH PI ", F10.4,5X,"Y-TOPPEDC SPLASH PI ", F10.4,5X,"Y-	85	CALL PRINT	SOTO	221
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90 C RESET FLAGS C TOPNEDO AND STORM PI "FIG.4.5X,"Y-TORPEDO SPLASH PT = 90 FEB.1.1 C TOPNEDO AND SIGNAL C C ALL PRINT C C ALL STARITIATOTOG(2), 2, 0) C C C ALL STARITIATOTOG(2), 2, 0) C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C ST MANUAL TORPEDO FIRE CISCRETE C C C ST MANUAL TORPEDO FIRE CISCRETE C C C C ST MANUAL TORPEDO		WPITE(6,90) TORPED(1,1), TORPED(1,2)	SOTO	554
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CALL FLAGS CALL FLAGS CALL FLAGS CALL ANY SIGNAL CALL OLCS 92 CALL OLCS GALL PRINT CALL CLCS CALL PRINT CALL FROM CALL STARTITIATOTOG(2), 2, 0)  PRITE (6, 93) 93 FORM FROM CALL SETARTITIATOTOG(2), 3, 0) CALL SETARTITIATOTOG(3), 3				222
C TOPREDO AWAY SIGNAL  S CON WHILE I IS LESS THAN SEVEN  G CALL OLCS  CALL OLCS  CALL PRINT  CALL SETABITITATOTCG(2), 2,0)  WPITE (6,2)  WPITE (6,3)  93 FORMATITIATOTCG(2), 2,0)  C SET MANUAL TORPEDO FIRE CISCRETE  CALL SETABITITATOTCG(2), 2,0)  CALL PRINT  CALL SETABITITATOTCG(2), 2,0)  CALL SETABITITATOTCG(2), 2,0)  CALL PRINT  CALL PRINT  CALL PRINT  CALL SETABITITATOTCG(2), 2,0)  CALL SETABITITATOTCG(2), 2,0)  CALL PRINT  CALL SETABITITATOTCG(2), 2,0)  CALL SETABITITATOTCG(2), 2,0)  CALL SETABITITATOTCG(2), 2,0)  CALL PRINT  CAL			000	800
C DO WHILE I IS LESS THAN SEVEN  D Q 2 I=1.7  CALL OLCS  CALL OLCS  CALL CRIVE  CALL PRINT  CALL SETAMT (IATOT CG(2), 2,0)  WPITE (6,93)  93 FORMAT (13X, "ATTEMPT TO FIRE TORPEDO WITH MASTER ARM OFF  CALL SETAMT (1ATOT CG(2), 2,0)  WATTER (6,93)  93 FORMAT (13X, "ATTEMPT TO FIRE TORPEDO WITH MASTER ARM OFF  CALL SETAMT (1ATOT CG(2), 2,0)  CALL SETAMT (1ATOT CG(2), 2,0)  CALL SETAMT (1ATOT CG(1), 2,1)  CALL PRINT  CALL CLCS, ANT CHECK THE PESULTS  CALL PRINT  CALL PRINT  CALL CLCS, ANT CHECK THE PESULTS	3	TOPPEDC AWAY	SOTO	220
92 CCNTINUE C ENDO C CALL PRINT C CALL PRINT CALL DEINT CALL DEINT CALL PRINT C CALL PRINT C CALL PRINT C CALL PRINT C C RESET FLAGS C ATTEMPT TO FIRE TORPEDC NITH MASTER ARM OFF S C ATTEMPT TO FIRE TORPEDC NITH MASTER ARM OFF C CALL SETAMITIATORG(2), 2,0) WHITE (6,93) 93 FORMAT(13X, "ATTEMPT TO FIRE TORPEDO WITH MASTER ARM OFF C CALL SETAMITIATORG(2), 2,0) C CALL SETAMITIATORG(2), 2,0) C CHECK VARIABLES, CALL CLCS, ANC CHECK THE PESULTS C CALL PRINT C C CHECK VARIABLES, CALL CLCS, ANC CHECK THE PESULTS C CALL PRINT C C CHECK THE PRINT C C CHECK THE PESULTS C C CHECK VARIABLES, CALL CLCS, ANC CHECK THE PESULTS C C CHECK VARIABLES, CALL CLCS, ANC CHECK THE PESULTS C C CHECK VARIABLES, CALL CLCS, ANC CHECK THE PESULTS C C CHECK VARIABLES, CALL CLCS, ANC CHECK THE PESULTS C C CHECK VARIABLES, CALL CLCS, ANC CHECK THE PESULTS C C CHECK VARIABLES, CALL CLCS, ANC CHECK THE PESULTS C C CHECK VARIABLES, CALL CLCS, ANC CHECK THE PESULTS C C CHECK VARIABLES, CALL CLCS, ANC CHECK THE PESULTS C C CHECK VARIABLES, CALL CLCS, ANC CHECK THE PESULTS C C CHECK THE COLUMN COLUM	3	DO WHILE I IS LESS THAN SEVE	5270	230
G CONTINUE  C ENDO  CALL PRINT  CALL STARIT(IATOTCG(2), 2,0)  CALL STARIT(IATOTCG(2), 2,0)  CALL STARIT(IATOTCG(2), 2,0)  CALL STARIT(IATOTCG(2), 2,0)  C RESET DISCRETE  C RESET ARM OFF  WRITE(6,93)  93 FORMAT(13X, ATTEMPT TO FIRE TORPEDO WITH MASTER ARM OFF  C RETARILL TATOTCG(2), 2,0)  CALL SETARIT(IATOTCG(2), 2,0)  C CHECK THE RESULTS  C CHECK VARIABLES, CALL CLCS, ANC CHECK THE RESULTS  CALL DRINT  C CHECK THE RESULTS	195	D0 92 I=1,7	CLOS	231
C SALL PRINT CALL DESINT CALL DESINT CALL DESINT CALL PRINT CALL PRINT CALL PRINT CALL PRINT CALL PRINT CALL FINT CALL FINT CALL FINT CALL FLAGS C ATTEMPT TO FIRE TORPEDC NITH MASTER ARM OFF NPITE (6,93) 93 FORMAT(133, TITEMPT TO FIRE TORPEDO WITH MASTER ARM OFF C SET MANUAL TORPEDO FIRE CISCRETE CALL SETABITITATOTCG(2), 2,0) C SEL NAUGAL TORPEDO FIRE CISCRETE CALL SETABITITATOTCG(1), 2,1) C CHECK VARIABLES, CALL CLCS, ANC CHECK THE RESULTS CALL PRINT C CALL DESINT		CONTINUE		232
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CALL OLCS CALL PRINT CALL FINT CALL FINT SET A TO FIRE TO PEDC NITH PASTER ARM OFF CALL FLAGS CATTEMPT TO FIRE TO PEDC NITH PASTER ARM OFF SET AND OFF CALL SETA STITEMPT TO FIRE TORPEDO NITH MASTER ARM OFF CALL SETA STITEMPT TO FIRE TORPEDO NITH MASTER ARM OFF CALL SETA STITEMPT TO FIRE TORPEDO NITH MASTER ARM OFF CALL SETA STITEMPT TO FIRE TORPEDO SETA CALL SETA STITEMPT TO FIRE TORPEDO SETA CALL SETA STITEMPT TO FIRE TORPEDO SETA CALL PRINT CALL CLCS, ANC CHECK THE RESULTS CALL PRINT CALL PRINT CALL PRINT CALL DELIN CALL		CALL	5070	235
CALL PRINT CALL PRINT CALL PEINT CALL PEINT CALL SETAMITIATOTCG(2), 2,0)  CALL FLAGS CALL FLAGS CATTEMPT TO FIRE TORPEDC NITH MASTER ARM OFF SET MASTER ARM OFF WRITE(6,93) 93 FORMAT(133, ATTEMPT TO FIRE TORPEDO NITH MASTER ARM OFF:) CALL SETAMITIATOTCG(2), 2,0) CALL SETAMITIATOTCG(1), 2,1) CALL SETAMITIATOTCG(1), 2,1) CALL SETAMITIATOTCG(1), 2,1) CALL PRINT (ATABLES, CALL CLCS, ANC CHECK THE RESULTS) CALL PRINT	200	CALL OLCS	נרכי	236
CALL DLGS CALL DLGS CALL PEINT PESET DISCRETE CALL SETARITITATOTGG(2),2,0) CALL CLAGS CATTEMPT TO FIRE TORPEDC WITH MASTER ARM OFF SET MASTER ARM OFF WRITE(6,93) PRITE(6,93) 93 FORMAT(13X, "ATTEMPT TO FIRE TORPEDO WITH MASTER ARM OFF") CALL SETAGITITATOTGG(2),2,0) CALL SETAGITITATOTGG(2),2,0) CALL SETAGITITATOTGG(1),2,1) CALL SETAGITITATOTGG(1),2,1) CALL SETAGITITATOTGG(1),2,1) CALL SETAGITITATOTGG(1),2,1) CALL PRINT CALL CONT.		CALL PRINT	SOTO	237
C CALL PEINT C RESET DISCRETE CALL STABILITIATOTCG(2),2,0) C RESET FLAGS C ATTEMPT TO FIRE TORPEDC NITH MASTER ARM OFF SET MASTER ARM OFF NPITE(6,93) 93 FORMAT(13X, ATTEMPT TO FIRE TORPEDO NITH MASTER BRM OFF") CALL SETABILITATOTCG(2),2,0) CALL SETABILITATOTCG(1),2,1) C SET MANUAL TORPEDO FIRE CISCRETE C CALL SETABILITATOTCG(1),2,1) C CHECK VARIABLES, CALL CLCS, AND CHECK THE RESULTS C CALL PRINT		CALL OLGS	SOTO	238
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CALL SETABLITINATOTOG(2), 2,0)  RESET FLAGS CALL CLAGS CALL CLAGS CALL CLAGS CALL SETER ARM OFF WRITE(6,2) WRITE(6,93) 93 FORMAT(13X, TATEMPT TO FIRE TORPEDO WITH MASTER ARM OFF**)  CALL SETABLITIATOTOG(2), 2,0)  CALL SETABLITIATOTOG(1), 2,1)  CALL PRINT CALL PRINT CALL CLOSS CALL CLOSS CALL CLOSS CALL CLOSS CALL CLOSS CALL CLOSS		PESET DISCRETE	OLCS	240
C RESET FLAGS CALL FLAGS CALL FLAGS CATTEMPT TO FIRE TORPEDC NITH MASTER ARM OFF SET WASTER ARM OFF WAITE(6,93) 93 FORMAT(13%,"ATTEMPT TO FIRE TORPEDO WITH MASTER ARM OFF") CALL SETAGITITATOTOG(2),2,0) CALL SETAGITITATOTOG(1),2,1) CALL PRINT	2	(IATOTCG(2), 2,	SOTO	241
C ATTEMPT TO FIRE TORPEDC NITH MASTER ARM OFF  SET PASTER ARM OFF  WRITE(6,93)  93 FORMAT(13%, "ATTEMPT TO FIRE TORPEDO WITH MASTER ARM OFF")  CALL SETAGITITATOTOG(2),2,0)  C SET MANUAL TORPEDO FIRE TSCRETE  C ALL SETAGITITATOTOG(1),2,1)  C CHECK VARIABLES, CALL CLCS, AND CHECK THE RESULTS  CALL PRINT		CESET FLAGS	נרנ	242
SET PASTER ARM OFF  WRITE(6,93)  93 FORMAT(13X, TITEMPT TO FIRE TORPEDO WITH MASTER ARM OFF")  CALL SETAGIT(1ATOTOG(2), 2,0)  C SET MANUAL TORPEDO FIRE TISCRETE  C ALL SETAGIT(1ATOTOG(1), 2,1)  C CHECK VARIABLES, CALL CLCS, AND CHECK THE RESULTS  CALL PRINT		STIESMENT TO FIGH TOROGOU WITH WASTED ADM OF	7 1 1 1	2.50
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WAITE(6,93)  93 FORMAT(13X, TITEMPT TO FIRE TORPEDO WITH MASTER ARM OFF")  CALL SETABILITATOTOG(2), 2,0)  C SET MANUAL TORPEDO FISCRETE  CALL SETAOLIT(1ATOTOG(1), 2,1)  C CHECK VARIABLES, CALL CLCS, AND CHECK THE RESULTS  CALL PRINT			2070	942
93 FORMAT(13%, "ATTEMPT TO FIRE TORPEDO WITH MASTER ARM OFF") CALL SETAGIT(1ATOTCG(2), 2,0) C SET MANUAL TORPEDO TISCRETE CALL SETAGIT(1ATOTCG(1), 2,1) C CHECK VARIABLES, CALL CLCS, ANC CHECK THE RESULTS CALL PRINT CALL PRINT CALL PRINT CALL DELS		WFITE(6,93)	SOTO	242
C SET MANUAL TOPPEDO FIRE CISCRETE CALL SETABLIT(IATOTCG(1),2,1) C CHFC VARIABLES, CALL CLCS, ANC CHECK THE RESULTS CALL PRINT CALL PRINT CALL PRINT CALL PRINT CALL PRINT	Control of the Contro	3 FORMAT(13X, "ATTEMPT TO FIRE TORPEDO WITH MASTER ARM	SUTO	24.8
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CALL PRINT CALL OLGS CALL OLGS		CHECK VARIABLES. CALL CLCS. AND CHECK THE	, v.	252
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295	CALL SETABIT(IATOTCG(1),15,1)	מרכז	121	-
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	CALL PRINT	SUTU	45.5	
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FEST LIAGS  CALL FLAGS  SENDENCE 1- AUTO SELECT MODE, AUTO LAUNCH COMMIND (CMUTE 1)  WHITE(1.2)  WHITE	•, •
SEGUENCE 1- AUTO SELECT MODE, AUTO LAUNCH COMMAND (CHUIE 1)  WRITE(6,2) WRITE(6,2) WRITE(6,19) WRITE(6	, m
SEOUCYGE 1- AUTO SELECT MODE, AUTO LAUNCH COMMIND (CMUTE 1) WRITE(6.2) WRITE(6.2) WRITE(6.1) WRITE(	100
WHITE (6.15)  SET AND THILD COCKET AND LAUNCH MODE DISCRETE CALL SENDANT (INTOTOGGE), 0,0)  SET MASTER APP CN CALL SENDANT (INTOTOGGE), 0,0)  SET MASTER APP CN CALL DEANY  CALL DEANY  PERSON FOR COMMAND CATA TRANSER COMMAND MORD IN INPUT BUFFER  SET CONFOCA COMMAND CATA TRANSER COMMAND MORD IN INPUT BUFFER  SET CONFOCA COMMAND CATA TRANSER COMMAND MORD IN INPUT BUFFER  SET CONFOCA COMMAND CATA TRANSER COMMAND WORD IN INPUT BUFFER  SET SUFFER POINTER  CALL DEANY  CALL DESS  CALL DEANY  CALL DECS  CALL DEANY  CALL DECS  CALL DEANY  CALL DECS	,
WRITE(6.2) WRITE(6.2) WRITE(6.1)	
HATTE (6.11)  GALL SEABITIATOTOG(21,0,0)  GALL SEABITIATOTOG(21,0,1)  GALL SEABITIATOTOG(21,0,1)  GALL PARTE AH GN  GALL PARTE  GALL CCANAND GATA TRANSFER COMMAND MORD IN INPUT BUFFER  SET GANGA  SET CONPROL COMMAND CATA TRANSFER COMMAND MORD IN INPUT BUFFER  SET GALG COMMED  SET GALG CCANAND CATA MCPO IN INPUT BUFFER  SET GALG CCANAND  SET GALG CCANAND  GALL CCANAND  GALL CCANAND  GALL CANAND  GALL PRINT  GALL PRINT  GALL CANAND  GALL	M
HAITE (6.15)  WETTE (6.15)  WE W	<b>M</b>
150 POWARTILY. "SEQUENCE 1- AUTO SELECT MOLE, AUTO LAUNCH CHUTE 1")  SET SONGHOY AUTO SELECT AND LAUNCH MODE DISCRETE CALL STARTITATOTOG(23,04)  SET ASTER APP ON CALL STARTITATOTOG(23,24)  CALL OLCS CALL PAINT  BESSET FLAGS  SET CONTOUR COMMAND CATA TRANSFER COMMAND MORO IN INPUT BUFFER  157 BUFFER POINTER  SET BUFFER POINTER  SET BUFFER POINTER  SET BUFFER POINTER  CALL PRINT  SET BUFFER POINTER  CALL PRINT  SET BUFFER POINTER  CALL PRINT  CALL PRINT  CALL PRINT  CALL DLCS  CALL PRINT  CALL DLCS  CALL DLCS  CALL PRINT  CALL DLCS  CALL DLCS  CALL DLCS  CALL DLCS  CALL DLCS  CALL DLCS  CALL OLCS  CALL OLCS  CALL OLCS  CALL OLCS  CALL CANS  CALL PRINT  CALL CANS  CA	<b>P</b> : 1
GALL STABILITATON CG(2),0,0)  SET SONOROUS AUTO SELECT AND LAUNCH MODE DISCRETE  GALL SETABILITATION CG(2),0,0)  GALL SETABILITATION CG(2),2,1)  GALL SETABILITATION CG(2),2,1)  GALL PAINT  GALL PAINT  GALL PAINT  FEST FLAGS  SET CONTROL COMMAND CATA TRANSFER COMMAND WORD IN INPUT BUFFER  SET STABILITATION CATA MCOD IN INPUT BUFFER  SET SUFFER POINTER  LHINOT (7) = 3  SET GALL POINTER  LHINOT (7) = 3  CALL POINTER  CALL POINT  CALL POINT  CALL PAINT  CALL PAINT  CALL CONTROL  CALL CASS  SONOBOUT MANY SIGNAL  CALL CASS  CALL FLAGS  CALL FLAGS  CALL RIAS  CALL CASS  CASS	u, h
CALL SETABLITATOTOGES, 6,000 CALL SETABLITATOTOGES, 2,10 CHECK VARIABLES, CALL CLGS, #WC CHECK THE RESULTS CHECK VARIABLES, CALL CLGS, #WC CHECK THE RESULTS CHECK VARIABLES, CALL CLGS, #WC CHECK THE RESULTS CALL PRINT CALL PRINT CALL PRINT CALL PRINT CALL PRINT CALL PRINT SET CONTROL COMMAND CATA WRONG IN INPUT BUFFER SET SUFFER POINTER LXINST(7) = 8 SET CONTROL COMMAND CATA WRONG IN INPUT BUFFER SET GUFFER POINTER LXINST(7) = 8 SET CONTROL COMMAND SET GUFFER POINTER LXINST(7) = 8 SET GUFFER POINTER CALL PRINT CALL PRINT CALL PRINT CALL OLGS CONTROL CALL OLGS CALL STRAMITATOTOGG(2),0,0) CALL STRAMITATOTOGG(2),0,0) CALL STRAMITATOTOGG(2),0,0)	, M
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	9	SIMULAT	2
15	COMMCN/SIMULAT/IRTBUFF(50,13), LWINRT(13), NWOUTRT(13), IXFRERR(3),	SIMLLAF	m
	*IATOTOG (3), IATOM(4), IOADTFP(103), LUPBLK(270), IDAW(2), HELO(24),	STALLAT	4
	*WIND(2),TIME, BUOYIC(2,25), BUCYRW(10,32), ISELBY.	SINCLAT	u,
	#TCRPEG(3,2),ITOROS,NIORPS,IBFLL1(13),IBFUL2(13)	SIMPLAT	ų
	U	FOOLLE	2
20	COMMON/MODULE/IB, IERROR, IRTSTWE, IOLDRY, IDATWO1, IDATWD2, ICLCDW1,	MOLLE	٣
	*IOLDEW2, IBITS WB, IOLDES W, ICCBW, IQSTATE, ISAWAY,	NODILE	3
	*ITAWAY,DDC,ISKIP,SECALC,ICALC,IDATTR,IRTTR	PODLLE	2
		SUTO -	472
	C RESET CUTPUT BUFFER FULL FLAGS	Sana	473
52	C	- כרנצ	7474
The second secon	IRFUL1 (7) = 0	. כרני	475
	I8FUL2 (7)=0	5070	924
	0	- כרני	477
a contract of particular a particular of the contract of	C ECUATE DATA AVAILABLE AND PP DATA AVAILABLE FLAGS	SOTO	472
30	C	5070 -	624
	IDAM(2)=IDAM(1)	SOTO	1 80
	RETURN	SOTO	484
	C 2 L		

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	MAP
E FLAGS	REFERENCE
SUBSOUTINE	SYMS IC

															3.4																									23	6P2 TATOM	0		458 ISFLEY	3
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	1	STAIL	# 10 L C	TOOLS.	STALL AT	21.00	SIMULAI	MODOLE	SIMULAI	SIMULAI	MODOLE	MODULE	4000LE	1000	STAIL	A LINCH	STMIL AT	MODULE	MODULE	MODULE	MODULE	MODULE	SIMULAT	TOUR TOUR	MODULE	SIMULAT	MODULE	MODULE	SIMULAT	SIMULAT	SIMOLAI	STMIII AT	SIMULAT	MODULE	MODULE	SIMULAT	SIMULAT	SIMULAT	•			686	361	20 0	450
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2	2000	אַניַט פּיני	1 - 1	J	THIRDE	בין בין	IN THE PLANE	T L L L L L L L L L L L L L L L L L L L	INTEGER	NI FEEF	IN THE	INTEGE		1000	in the late of the	TMINI	PATRICAL	INTECE	INTEGE	INTEGE	INTEGE	INTEGE		UCUL NI	LATER	INTEGE	INTEGE	INTEGE	INTEGE	INTEGR	INTEGE	LATION	INTEGE	PEAL	נצ	d	EA	REAL	LENGTH	1493					
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	SUB TINE	TINE FLAGS		COF 6608 TTN V3.0-P380 CPT=1 75	7 87 06.112. 15.14.02. PAGE	
	COMMON BLCCKS	LENGTH	MEMBERS - BIAS NAME (LENGTH) 1467 IBFULL (13)	1480 IBFUL2 (12)		
	MODULE	50	18 10LCRT (1 10LCRT (1 10LCBN (1 1SANAY (1 1SKIP (1	1 IFFROR (1) 4 IDATWD1(1) 7 IOLD9W2(1) 10 ICFDW (1) 13 ITAWAY (1) 15 SECALC (1) 19 IRTTP (1)	2 IOTSTME(1) 5 ICATME(1) 8 IBITSME(1) 11 IOSTATE(1) 14 DCC (1) 17 TCALC (1)	
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SYMBULIC PEFERENCE MAP

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				TOTALISE (650	6561	•	11 6:3	LWINDY (13)	33	663	NECUTPT (13)	
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			1459	TOPPED	(6)	14		TTOPOS (1)	-	1466	N40FP S (1)	
			1467	TREUL1	(13)	14		IPFUL2 (13	(2)			
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			οσ		11		10 I	ICCOM (1		11	I CSTATE (1)	
					(3)			TAWAY (1)	•	14	CCC (1)	
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PROCRAM LENGTH CCMMON LENGTH

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	CHARACTER OFFICE AND F. NIM.	10 To	1 10	
. u		SUTO	626	
U	ARSTGACT	CLCS	627	
0	THIS SUBROUTINE PRINTS OUT BIT BY BIT THE FIRST 16 BITS	CLTS	62.8	
U		SOTO	623	
U	CODING HISTORY	CLCS	630	
U	1. PROGRAMMED U. MANGES CSC 12/28/77	5070	631	
O		CLUS	612	
3	į	3070	F . 4	
	SUBSOUTINE BITS (JVALUE, NUM)	2010	719	
	INTEGER 911 (17)	כרכי	635	
	DIMENSION FMT (4,10)	SOTO	636	
	1.11/30H(10x.	5070	637	
	, 21 /27H (13X,	SUTO	639	
	DATA FRILL, 31/27H(13x," DATA WCRD 2 ",1612)/	CLCS	6.39	
	. 41/30H(9x," AIT STATU	SUTO	640	
	.51/38H(1X," OFICINAL OF STATUS WOR	SUTO	641	
	DEIGINAL	SUTO	249	
	FHT(1,7)/35H(4x," OFIGINAL DATA WORD 2 "	SUTO	279	
	FMT(1,8)/36H(" CP]	SUTO	779	
	2 1 1 1	5010	645	
U	DO WHILE I IS LESS THAN 16	SOTO	949	
	100 I=	8070	279	
	1-1-1	3370	648	
	CALL READBIT (JVALUE, J, BIT (I))	SUTO	640	
41		5070	0 6 9	
U		SUTO	651	
11	100, CONTINLE	OLCS	652	1
		SUTO	653	
ပ	WRITE OUT THE VALUES OF THE BIT ARPAY	מרני	723	
	WRITE(6,FMT(1,NUM)) (BIT(17-I),I=1,16)	SOTO	655	
	RETURN	SUTO	656	

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## SYMBOLIC PEFERENCE MAP

			17			-									
			16		32										
			15		54										
			4.	22	DEFINED										
		3.2	DEFINED	21	32	25	11	11							
		2.2	32	2.0	3.6	DEFINED	DEFTNED	DEFINED							
			REFS 13				DEFS 26			32		v.		PROPERTIES EXT REFS EXT REFS	
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33	oʻ	ARBAY	AFRAY								ARGS	CEF	7E 27	F201-10 24 29 32	103
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ပ	H15100Y	5370	66.4	
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υ <b>(</b>	ABSTRA	21.0	n n	
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,	SCUTINE OL	5075	668	-
ပ		SIMULAT	^	
	COMMON/SIMULAT/IRTBUFF (50,13), LWINRT(13), NWOUTRT(13), IXFRERR (3), *IATATOTOG(3), IATAMAN, ICANIBOTOG(4)33, INDBLACOTOG(3),	STALLAT	<b>r</b> : 4	
	*BECCOCCOS HAND BECKER OF TO BE THE FEBRUARY OF BECKER OF THE FEBRUARY STATES OF THE FEBRUA	SIPULAT	2	
	*TORPED(3,2),ITORDS,NTORPS,IBFUL1(13),IEFUL2(13)	SIMLLAT	w	
ပ		MOELLE	2	
	/IB, IERROR, IRTSTWC, IOLOP	MODILE	<b>k</b> ) .	
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٢		251195	0	
	COMMON/DRIVER/NCOUNTR	CRIVED	(4)	
U		DRIVER	4	
O		CLTS	672	
	DESIGNATE UPPER LIMIT FOR RIT COUNTER	2010	673	
c	CHILD INTERNATION OF MODOR IN CIRCLES INDIA SHEEFS	, L. L.	675	
	TOTAL THE CHANGE OF THE COLOR	נרטי	676	
ပ	DESIGNATE OLCS BIT IN IDAW(1) AND IDAW(2)	SOTO	677	
		SUTO	678	
		SOTO.	619	
c c	T PROCESSING- PEAD FROM CIRCULAR INPUT BUFFER	5000	0.00	
	בטם השששוות שחד שו השיועה אושטשמם		100	
	PT(7)	5070	, p. (4)	
	IF=L PINRT(7)	כרני	48.9	
ပ	SI 83:	SUTO	6.85	
	GO TC 12	נרני	6 86	
U		נרני	687	
ပ	CLEAR STATUS SENT FLAG	נרני	6.83	
2	0-7-7	010	600	
o	HECK FOR NORMAL CATA TRANSFE	נרכי	601	
		SOTO.	692	
u ;	F IFTBUFF (IB.7) EQUALS 1450628	נרנ:	<b>1</b> 00 0	
2	114. / J. NE. 146 U4281 6		+ v · v	
0	Li	פרכ כ	604	
		OLUS	697	
	00	SUTO	859	
U C		010	0. 0	
	CHECK FOR CONTROL COMMAND DATA TPANSFER	3070	701	
2		נרגי	702	

)	4	IFTIPTBUFF(18,7).NF. 1442413) GO TO ZO	SUTO	104	
			SUTS	7.05	
	, c	SET THE CONT	2010	706	
		18+1,73	2010	101	
60	v	PROCESS THE CCTFOL COMMAND DATA MORES	5373	404	
		CALL CONTROL	SUTO	209	
			OLCS	710	
	٥		SUTO	711	
	C		- 076	712	
69	ပေ	HECK FOR INITIALIZE TERMINAL	יוני טוני טוני	713	
Contraction of the Contraction o			20.0	41.6	-
	,	TETRIBUTE 13.7 EUGHES 1440018	200	715	
	2	TARK		717	
7.0		NO ST TE SUESTION	0010	718	
		O CONTRACTOR OF THE PROPERTY O	2070	719	
	U	PESET STATUS AND DATA SENT FLAGS	SOTO	720	-
			SUTO	721	
		19FUL2 (7)=0	5370	722	
75	S	SET PP AND RT DATA AVEL BITS EQUAL	כרני	723	
		IDAM(1)=TOAM(1).OR.1308	2070	724	
		IO04(2)=IO04(2),00-1008	SOTO	725	
	S	SET PECEIVE BUSY FLAG TO 0	SITI	726	
		CALL STARIT(IPTSTME, 9,0)	3270	727	
000	S	SET QUIESCENT STATE FLAG	STO	728	
3	,	TOSTATEST	טרני	729	
		60 10 85	5070	730	
	U	FISS	CLTS	7.31	
	2		SUTO -	732	
85	U	K FOR INITIATE PROF	כרני	733	
	C		- 0105	734	
	0	7) EGUALS 1440048	נוני נ	7.55	
	52	(ICTAUFF (IB, 7) . NE. 14	5270	736	
;	٠,		270	131	
25		MESEL TOTESCENI STATE PLAC	OLCS	738	
	,		2010	135	
	د	SCHOOL TENNAMINATION AND AND AND AND AND AND AND AND AND AN	5370	07.1	
			5.05	741	
		08 01 33 T	20.00	247	
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	,	2	0.00	7.5	
		4	0 0 10	747	
100	30		SUTU	748	
	ن		SOTO	240	
	O	INITIALIZE COUNTER FOR BIT	CLCS	750	
		,	Sano	152	
	ပ	PT STATUS W	ס פרבי	752	
105		13	010	753	
	S		010	154	
		IRTTR=1	SOTO	7.55	
		00 10 60	OLCS	156	
	u		נרני	757	
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	del upoh	2010
	HFCK TO SEE IF NECESSARY TO MAKE SPLASH OF NET CACULATI	3070
	IF SACALC NOT EGUAL TO ZERO	
220 C	IF (S9CALC.EC.D.) GO TO 225 THEN	5070
;,	AVOIDED ON THE COLOUR PLANTS FOR SOME SAME	5070
		3070
	ALL SPLASH	3770
	MATER ENTRY TIME CALCULATIONS FOR SONOBUOYS	3010
o	***************************************	3770
U	RESET CALCULATION-NECESSARY INDICATOR	ורי. הריי
	•	5370
	៤	5070
ی د	ATTAN NEFESSARY SO CONTINIE	3010
225	CONTINUE	SUTIE
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IRTSTADDOR(IPTSTADD, 48)  CCCC  RESET THE VALUES OF ICLODW! AND IOLODW? CLCS  ICLODA = IDATWC!  ICLODA = IDATWC!  ICLODA = IDATWC!  ICLODA = IDATWC!  ICCCCC  INCREMENT THE WORD COUNTER  CCCC  SET TRANSMIT DATA WORDS FLAG TO ZERO  CCCC  SET THE DATA SENT FLAG  CCCC  GCCC  GCCC  CCCC  CCCC  CCCC  CCCC  CCCC  CCCC  CCCC	3	NTO THE RT STATU	v
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C ICLUPATE TOTAMOS  ICLUPAS = IDATAMOS  INCREMENT THE WORD COUNTER  CLCS  NPP HDS = NPP HDS + 2  NPP HDS = NPP HDS + 2  CLCS  SET TRANSMIT DATA WORDS FLAG TO ZERO  CLCS  IDATTR = 0  CLCS  ISFULZ(T) = 1  CLCS  CCCS  C	υ	DW1 AND IOLODW2	<b>V</b> : 1
C INCREMENT THE WORD COUNTER CLCS NPP NDS=NPPNDS+2 SET TRANSMIT DATA WORDS FLAG TO ZERO CLCS TDATTG=0 SET THE DATA SENT FLAG CLCS ISFULZ(T)=1 GC TO 320 CLCS OLCS OLCS OLCS OLCS OLCS			,, ,
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3	VOTABLE AND STATE OF THE STATE	0.00
	ZERO CUT TOADTPOLIATION	907
350	ICANTPP (103) = 0	866
2	PUT THE PP WORD COUNT ONTO THE FIEST BATE CLES	656
	ICADTFP(103)=CR(10ADTFP(103),NPWEGT) CLDS	1000
3	PUT THE BYTE COUNT ONTO THE SECOND BYTE O CLCS	1001
	ICAETFP(103)=09(IOADTFP(103), SHIFTINBYFF, CLCS	1002
355	12))	1001
3	PACK THE PT STATUS WORD	1004
	SUPER CATEGORIES CATEGORIES CONTRACTOR CATEGORIES CONTRACTOR CATEGORIES CATEG	1005
3	CALL THE PROVING TOURS OFFICE OFFICE	1005
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C	ZERO CUT THE TZF BIT IN THE PT STATUS MOP CLOS	1010
	CALL SETABIT (191STWD, 2,4)	1011
S	RESET THE VALUE OF ICLOST	1012
365	ICLERI=IPISIWD CLES	1013
U	PESET THE VALUE OF IOLDSSW CLCS	1014
	ICE COSM=1811SHD	1015
0	STI FFANSMIT FT STATUS WORD FLAG TO ZERO CLOS	1016
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,	SETABIT ( IDAM (1) , IT, AND (CCMFL ( ICATAVB	1021
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0 0	US SENT FLAG	1000
	BFUL1(7)=1	1026
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	ONTINUE	1029
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	v	5	5070	1034
	O		5370	1035
	346	1:1	SITS	1036
	•		יוני	1037
390		IXFRERR(3)=OP(IXFREDR(3), SHIFT (IBFLL2 (7), IT-1) C	5370	1038
	:		5070	1039
	345	CONTINUE	כרני	1070
	O	ENDIF	CLrs	1041
		0 10 350	3170	1042
365	O		5070	1043
	U	FLAGS ARE NOT FOUAL SO CONT PACK DATA	SOTO	1044
	0		פרני	1045
	348	1),11-1,1)	5373	1046
The second control of	350		SUTO	1047
004	U	ENDIF. C	SOTO	1048
	v	ELSE	5070	1049
	O	RIT IS STILL IN PROGRESS SO RETURN	SOTO	1050
	355 01		3370	1651
			SUTO	1052
405	C SLSE	0	5070	1053
	0	OLCS IN A QUIESCENT STATE SO RETUPN	SITO	1054
	360 CONTINCE		CLUS	1055
	FIONE		SOTO	1056
	RETURN		5070	1057
410	END		SOTO	1058

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## SYMBOLIC REFERENCE MAP

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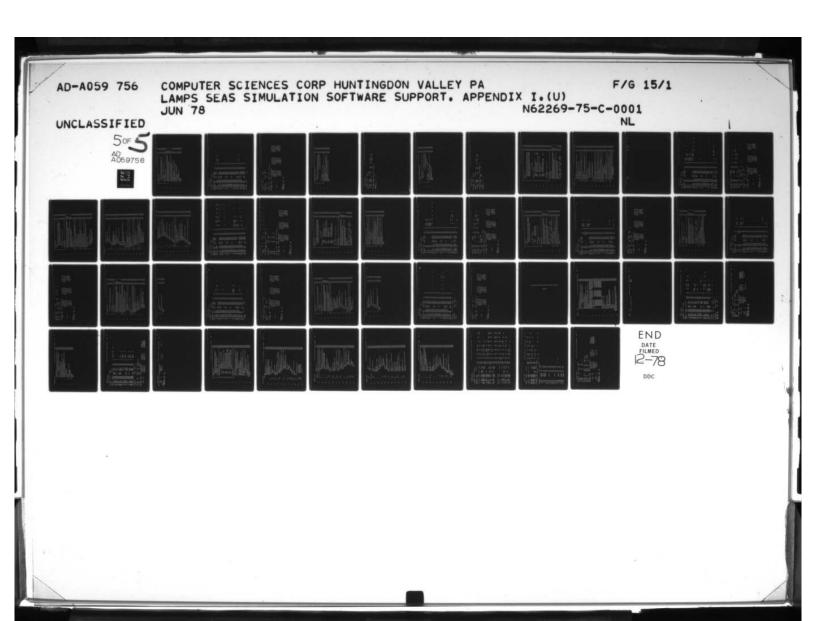
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D													650 LWINRT (12)	679 IATOTOGES!	789 LUPALK (270)	1265 WTND (2)	1138 BUOYRW (320)	1465 TTOPDS (1)	1480 InfUL2 (13)	1 Icabob (1)	4 IDATMO1(1)	7 ICLDD 42 (1)	10 ICCOM (1)	ITAWAY		19 IRTTR (1)			
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SELEBENCES	24.2	562	287	0.0		280	5.83	272	701	213	207	BIAS NAME (LENGTH)	IRTGUEF (650	IXFRERR (3)	ICADTEP (103	HELC (24)	BUDY IC (50)	TOOPEC (6)	INFUL1 (13)	(1) EI	IOLERT (1)	TOLCOM1 (1)	IOLTBSW (1)	(I) ADMES	ISKIP (1)	IDATIR (1)	NCOUNTR (1)		
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663 NACUTOT (13) 682 IDTCM (4) 1059 ICAH (2) 1087 TIME (1) 1458 ISFLBY (1) 1456 NTORFS (1)

2 1975/HD(1) 5 ICATWC2(1) 8 JEITS HO (1) 11 TGSTATE (1) 14 DCC (1) 17 TCALC (1)



		COF 5602 FTN 93.0-P280 OPT=1	7 0 / 0 6 / 12.	70/06/12. 15.14.02.	PAGE
	3		SJ10 -	1050	
	U	SURROUTINE PACKPP	SUTO	1060	
	v		CLUS	1061	
	ပ	ARSTFACT	פרני	1062	
	U	PACKEP WRITES OUT THE HEADER WORD IN THE GUIPUL ARRAY	כרני	1063	
	U	AND THE NON-ZERC CONTENTS OF THE INPUT ARGA'.	SOTO	1064	
	U	THIS IS A DUMMY SUBPOUTINE FOR THE ACTUAL PACKPP FOUTINE.	SUTO	1065	
	S	CODING HISTORY	5070	1066	
	U	1. PROGODMMED J. MANGES OSC DFC 1977	زاده	1967	
10	O	END OF ARSTRACT	כרני	1069	
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		SUGROUTINE PACKPP(NRT, NPPKCS)	CLTS	1070	
	v		SIMULAT	2	
		COMMICN/SIMULAT/IRTBUFF (50,13), LWINRT (13), NWOUTFT(13), IXFRERR(3),	SIMULAT	۴,	
15		*IAT0106(3),IAT0M(4),TOADIPF(103),LUP3LK(270),IDAW(2),HELO(24),	SIMLLAT	7	
		*WIND(2),TIME,BUOYIC(2,25),BUCYRW(10,32),ISELBY,	SIMILAT	2	
			STYLLAT	9	
	O		MOULLE	61	
			MODILE	(A)	
20		*IOLDBW2,IBITSWD,IOLDBSW,ICCDW,IQSTATE,ISAWAY,	MODILE	7	
		*ITAWAY, DDC, ISKIP, SBCALC, TCALC, IDATIP, IFTTF	PODLLE	r.	
		WRITE(6.5)	מרגצ	1073	
		5 FORMATI//2X * * * * # PESULTS OF FACKPP CALL * * * * * * / / / )	SOTO	1374	
		w	OLCS	1075	
52			SUTO	1076	
		WRITE(6,20)	OLUS	1077	-
		20 FORMATIEX, "CONTENTS OF THE INPUT ARRAY".	SUTO	1078	
	O	DO WHILE I IS LESS THAN NPPHOS+240	OLCS	1079	
		I JALL=NPPWDS+240	Sano	10 80	
30		00 30 I≍241,IALL	CLUS	1081	
		CALL BITS(LUPELK(I),9)	CLCS	10 42	
		30 CONTINUE	SOTO	1083	
	ပ	ENDDO	CLCS	10 94	
		RETURN	SUTO	1085	
35		END	SOTO	1086	-

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	OYRW(2, ISELBY) = HELC(13) + ((L/VS) * (HFLO(21) * HELO(3)	SOTO	1229
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		5070	12.86	
<b>0</b>	CONTINUE LCOKING AT UNITS CHUTES ATTS	SOTO	1268	
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44	90 CONTINUE	SUTO	1201	
<b>U</b>		3010	1292	
د	CALL READBIT (IATOTOG(1).5. TANSMEP)	5070	1294	
ပ	١	SUTO	1205	
	IF(IANSWER.EG.0) GO TC 200	5070	1296	
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ပ	INCREMENT THE VALUE OF INCREMENTAL TEN	2010	1200	
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ی د	T MANUAL SELECTION T	9500	1307	
ပ	UERCUTINE CONTPOL	3070	1308	
	RESET ISKTP FLAG	STO	1309	
230	1100	210	1310	
		SUTO	1312	
ပ		כרני	1313	
	CALL SETABIT(IDATMC1+4+0)	370	1314	
່ວບ	K PASTER APP STATUS	SUTO	1316	
-5		5570	1317	
c	CALL READBIT(IATOTCG(2),2,IANSWER)  TF MASTER APM TS ON	5170	131.9	
,	IF(IANSHEP, EQ. 0) 6C TO 350	SUPO	1320	
<b>U</b>	NiHL	5010	1321	
	2	5070	1323	
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<b>ပ</b>		5370	925	
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ပ		CLCS	1428	
٤		5777	1329	
<b>ن</b> د	CHECK FOR A TOPPER PARTICAL LADORTH COMMAND	الد د	13.4	
		SJT0	1332	
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	IUPS=AND(IANSHER,COMFL(IIOPD))	97.0	1334	
U	IF JUPS NOT EQUAL TO ZERO	CLTS	13.6	

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THEN INCREMENT THE TCRPEDO COUNTER NTORPS=NTCRPS+1 CLCS IF HAVE NOT ALGADY FIRED BOTH TORPEDOFS CLCS TECHNOLOGY OF ALGADY FIRED	ALNOH BIT IN DATA MCRD ONE WILL 4.11 SIGNAL COUNTER	TAMAY=10 O TO 250 AVE FIPED GOTH TOFPEDOES THIS RUN UE	LSE NO CALCULATION NECESSARY SO PPOCEED CLC TINUE IF CLC CLC CLC CLC CLC CLC CLC CLC CLC CL	R A SONCRUOY MANUAL LAUNCH SOMMAND DSIT(TATOR(1):13, IANShEP) ER EQUALS ONF ER.NE:1.6) GO TO 300	SET SONOBUCY CALCULATIONS NECESSARY FLAG SECALC=1. SET SONOBUCY LAUNCH INDICATOP IN DATA WOPD 2 CLUS CALL SETABIT(ITATWI1,2,1) CLUS INITIALIZE SCNOBUCY AWAY SIGNAL COUNTE? CLUS SET SONOBUCY AWAY SIGNAL COUNTE? CLUS GO TO 380	CALCULATION NECESSARY SO PPOCFED  OLC  CLC  CLC  CRC  CLC  CLC  CLC  CLC
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REFERENCES 158

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	PEFERENCES 32 35	DEF LINE	20	LENGTH 128	RIAS NAME(LENGTH INTERPRESS) 6 TXFREFR(3) 6 TOADTFP(103) 1 HELC (24) 8 RUOYIC (50) 9 TORFEC (6) 7 TBFULL (13) 0 IB (1) 5 IOLCFT (1) 6 IOLDBM1(1) 9 IOLCFT (1) 5 IOLCBSW(1) 5 ISKINP (1) 8 IDATTR (1)	
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	CHANGE WIND SPEED MEASCREMENT TO FILSFC	STO	14.15
	CO. T. CO. CVIV. CONTROL	2710	1476
ن		- כרכי	14.77
U	CALCLLATE VS-THE PELEASE TFUE ATRSPESO IN FEET/SEC	CLCS	1438
63		SOTO -	1436
	VS=SGRI(HEL0(21)*HELC(21)+VL*VL)	SUTO	1440
0		SUTO -	1441
U	CALCULATE K THE 3926 FACTOR	3070	14.42
U		SOTO	1463
65 C	T TIME OF FLIGHT	3370	1444
U		SOTO -	1445
	K=100G+(1.c+(C1*HELC(3)-C2)*HFLO(3))	SUTO	1446
	L=VS+(C3+S02T (HELO(3))/(C4+(C5+VS*SQRT (HELO(3))+66+HELO(3))+K))	SOTO	1447
	T= ((1.0+1.0/(C7+C8+HELO(3))+5))+69+HELO(3)+SQRT(K))+03	3070	1448
20		5070 -	1419
U	CALCULATE THE TORPEDC SPLASH PCINT COORDINATES	2010	1450
ن		5010 -	1451
	T039E0(1,NT0RPS) =HEL0(3)+(L/VS)*(HEL0(21)*HEL0(3)-VL*HEL0(2))+T*	SITO	1452
	*WSPFIED*SIN(WDIPFIED)	SUTO	1453
	108PFD(2,N108PS)=H5LC(4)+(L/VS)*(H5L0(21)*H5L0(2)+VL*H5L0(3))+T*	SOTO	1454
	*WSPEED+COS(WOINEC)	2010	1455
Ċ		- מרני	1456
O	SET TORPEDO SYMBOL ACTIVE FLAG	SOTO	1457
Ċ		5070 -	1458
60	ITOROS=0R(ITORDS,13)	SUND	1459
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## SYMBOLIC REFERENCE MAP

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	C SUBROUTINE WET		\$370	1463
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	C ABSTEACT		SUTO	1465
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	TAKEN FROM APPENDIX D O	RMANCE SPECIFICAT-	5070	1468
	ICN FOR LAMPS III AICNI	. MAG	SOTO	1469
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	C TABLE OF VATINGLES		SOTO	1472
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	C VARIABLE NAME RESCRIPTION		3272	1474
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;			SIMULAT	~
	00	T(13) - IXFRERR(3).	STAULAT	
	#141010(31, 1410M2, 104016P10(103), 1089141	NM (2) - HEL C (24) -	STMILL	. 3
	*WIND (2), TIME, BUOVIC (2, 25), BUCVEW (10, 32), ISEL9Y,		SIMULAT	u
30	*TORPED (3,2), ITORDS, N TORPS, 19 FUL1 (13), IBFUL2(13)		SIMLLAT	w
	O		PODLLE	2
	COMMEN/MODULE/IB, IERROR, IRTSTRO, IOLDOT, IDATHO1,	FDA TWD2, I CLEDW1,	MODILE	
	*IOLDDW2, IBITSWG, IOLDFSh, ICCOM, IOSTATE, ISAWAY,		ACD LL E	4
	*ITAWAY, DDC, ISKIP, SECALC, TCALC, INATTP, IRTTR		MODLLE	ır
35	PERL		SOTO	1489
	DATA C1. C2. C3. C4.	CS	SUTO	1490
	/8.189F-11, 1.463128E-05, 2., 4.01086, 1.	274635-62 /	SOTO	1401
	C6, C7, C8,		SOTO	1492
	3E-02, 1,91905 , 4,838E-02 , 3.	5E-02	5070	1691
04		-	CLCS	1404
	CALCULATE K THE DRAG		SOTO	1495
	T THE TIME OF FL		3070	1496
	-		SUTO	1497
	X=000+(1.0+(C1*HELO(15)-C2)*HFLO(15))		0.070	1100
45	T=((1.6+1.0/((C7+C8+HELO(15))*K))*C9*HELO(15)		010	1400
	60252406476519597799837813763878849878893747988888888888888888888888		כרנג	1500
	JAL 10 FFE PRESENT TIME	PLUS THE TIME OF FLI	5010	1501
	B. DVDE (44 TOE) BV1-TTVE .T		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1202
20	TURN		5010	1504
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SYMBOLIC REFERENCE MAP		
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	SUBSCUTINE TWEET	5173	1517	
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	COMMENSIMELATZIRIBER (50,13), LWINRT(13), NWOUTPT(13), IXFRERR (3).	SINLLAY	~	
15	*IATOTOG(3), IATOM(4), ICADIPP(103), LUPBLK(270), IDAM(2), HELO(24).	STMLLAT	7	
	*WIND(2).TIME.BUOYIC(2.25).BUCYFW(10.32).ISFL9Y.	SIMULAT	u	
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20	*IOLDDW2.IBITSW0.IOLDFSk.ICCOW.IOSTATF.ISAW4V.	P 1100 ×	1	
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52	C8.	2170	1523	
	* /1.9663E-02, 1.91905 , 4.838E-02 , 3.4475E-02 /	5070	1524	
	DATA TODG/ 01177/	SUTO	1525	
		3070 -	1526	
	CALCULATE K THE	SOTO	1527	
30	C T THE TIME OF FLIGHT	2010	1528	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5070 -	1520	
	X=7000*(1,0+(C1*HELC(15)+C2)*HELO(15))	SOTO	1530	
	T = ((1,0+1,0)/(C7+C8*HELO(15))*K))*C9*HELO(15)+SCRT(K))+C3	SUTO	1531	
	-	070	1532	
35	C WATER ENTRY TIME IS EQUAL TO PRESENT TIME PLUS THE TIME OF FLIGHT	SUTU	1533	
	;	SOTO -	1534	
	TOPPED(3,NTORPS)=TIME+T	SOTO	1535	
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DEF LINE 12

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			23	23	23				25	25	25		2*33																											NFD 32						34.5	
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COC 6560 FIN VK.0-P.590 CPT=1	OSETNED	3.7	DEFINED					LWINGT (13)	I TATOTOGES)	1 LUF9LK 1270)	5 WIND (2)	8 PUOYPW (320)		1 18FUL 2 (13)	IERPOR	I I TATWET (1)	7 0L00 42(1)		I TAWAY (1)	SACALC	BIRTTR (1)	
0054 060	32	14	14	4				650	679	789	1085	1138	1465	1489	-	4	7	. 10	13	16	19	
	U)	20 11 20	מבעט	0.430			ENGTHI	10		31	•	•		•								
	RELOCATION	SIMULAI	SIMULAY	SIMULAI	REFERENCES	33	- BIAS NAME (LENGTH)	O TRIBUFF (650	676 IXFFERR(3)	686 IOACTEP (103		BUOYIC	TOPPER	IBFUL1	13		6 IOLEDA1(1)	9 IOLDBSW(1)	12 ISAWAY (1)	ISKIP	18 IDATTE (1)	
	REL		AFPAY	ARRAY	AGGS	1 LIBRAPY	MEM BEPS			9	1061	1088	14	14								
Link L	SN TYPE	REAL	REAL	REAL	TYPE	PEAL	LENGTH	1493							23							
SUGDOUTENE THE	VARIABLES SA	-	2663 TOPPED	2075 WIND	EXTERNALS	SORT		SIMULAT							MODULE							

32 409 STATISTICS PROGRAM LENGTH COMMON LENGTH

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SUARCUTINE CONTROL		משח
EXTRACTS AUTO SELECT AND AUTO LAUNCH		1000
ANCOTEN CONTRACT CONTRACT ACTOR.		u w
1. PROGRAMMED J. MANGES USC 12/29/77		I TO TO
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N/SIMULAT/IPTBUFF (50,13), LWINRT(13), NWOUTRT(13), IXFFERR(3),	SIMILAT	יה ו
	SIMULAT	<b>4</b> u
1(3,2), ITCRDS, NTCPPS, ISFULI (13), IPFUL2(13)	SINCLAT	···
N.MOBULE/IR, IERROF, IRTSTHC, IOLDRI, IDATH91, IDATH02, IOLGDM1,	MODILE	V P.
	MODILE	<b>3</b> U
		15.5
SELECT LORMANN FIELD FROM CONTROL COMMAND DATA MORD		n u
ASCFLD=SHIFT(AND(174000B,ICCDN),49) F IASCFLD IS BETWEEN ONE AND TWENTY FIVE INCLUSIVE		4 H H
F ((IASCFLO,LT.1),C9.(IASCFLO,GT.25)) GO TO 10		R
FCOPO THE CHUTE NUMBER OF THE SELECTED BUOY	5010	a 0 10 10 10 10 10 10 10 10 10 10 10 10 1
SFLBY=IASOFLD	5070	1560
ET FLAG TO SKIP ANY MANUAL CHUTE SELECT SETTINGS THIS CYCLE Sktp=1		1561
		R
NC AUTO SELECT COPMANG INCIGATED		1564
ı		J R
COCH ATAC CHANGE COCH COCH COCH COCH COCH COCH COCH COC		1567
ALL ACTO LACINCH COFFAMILY FIFTE FROM CONTROL COMMAND UPIN NOTE		ດທ
ALCFLD=AND (17409,ICCDW)		n,
F AUTO LAUNCH COMMAND FIFLD INDICATES SONOBUDY AUTO LAUNCH		1571
THEN THE STORES OF TO ZU		1573
CHECK FOR MASTER ARM		' ru
2,IANSWEF)		1575
MASTER APM IS ON	010	R I
		1578
ATIONS NECESSARY FLAG		w I
AND OF A DOOR ATAN MI THE COTACTO	2010	15 50
TCATWOL+2-11	5070	1582
NOBLOY AWAY SIGNAL COUNTER	SUTO	1201
		-

0 000 0 2 4	SUBPOUTINE CENTROL		CDC 6600 FIN V3.0-P480 PPT=1 78/36/12, 15.14.02.	78/36/12.	15.14.02.	PAGE
15 CONTINUE NO LAUNCH AS MASTER ARM IS NOT ON CLOS CLOS CLOS CLOS CLOS CLOS CLOS CLOS	0	30 13	0	SOTO	1566	
20 CONTINUE CALCULATION NECESSARY SO PROCEED C ELSE C ELSE C C C C C C C C C C C C C C C C C C C		T MON TOTAL AS MASTER DON	NO FON	כרני	15 87	
C ELSE COLTING CALCULATION NECESSARY SO PROCEED CLCS CLCS CLCS ENDIT C		TNOC		0750	1500	
C ELSE NO GALCULATION NECESSARY SO PROCEED  C ELSE NO GALCULATION NECESSARY SO PROCEED  C ENDIF  C ENDIF  C ELSE  CLCS		2011100		OLFS	1589	
C ENDIE C ENDIE COLCS  PETUGN  C ENDIE  C ENDIE  C ENDIE  C ELCS  C ENDIE		170W 13 11		\$273	1550	
S CONTINUE C ENDIF		SE US ASSOCIATION NECESSARY	CHEC	נרני	1561	
SOLO SOLO SOLO SOLO SOLO SOLO SOLO SOLO		SO CONTINUE		SOTO	1592	
SOLOS PETUSA PETUSA PETUSA		TO ALL THOSE		3370	1561	
0 0 0		None		SOFO	1564	
		S C N U		SOFICE	1595	

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9466										
. 15.14.02.										
7 = 17 6 112				2.5						
7380 CPT=1				05. DEFINED		9		4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	50	
FTN V3.0-F				DEFINED 47 30	<b>4</b>	5 2 2		DEFINED DEFINED OFFINED	DEFINED	
3399 363			4 4 6 . H H L .	200 to 100 to 10	4 3 6 3 ; H + + + +	ታ ው ው ው ው ው ተ ተ ተ ተ ተ ተ	. क ठ व ठ ठ ठ ठ ठ १ न न न न न न न	o 4 o o o o 4 o o o 4 सम्मान सम्मान सम्म	1 के के के के के किए पिताली सी सी सी सी पिताली सी सी सी सी	7 ਤਾਵਾਂ ਤਾਂ ਜਿਜੇ ਜੀ
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ı	A 4	REFER 64	ASSAY ARSAY	1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ARRA ▼	A FRA A	A F.P.A Y	A A A A A A A A A A A A A A A A A A A	ARRAY ARRAY 3333333333333333333333333333
NE CONTROL	PEFERENCE	DEF LINE 12	N	INTEGER INTEGER	INTEGER				A L L L L L L L L L L L L L L L L L L L	TYPE TYPE
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		ENTRY	21 00 21 62	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1252 1247 1247 2673	2710	2043 1256 11 11 11 7	2652 2652 2652 2652 2652 2652 2652 2652	1264	2077 2563 2975 2975 EXTERN

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		663 NACUTET113) 682 IATON (4) 1069 IDAN (2) 1087 IINE (1) 1466 NIOSPS (1) 2 IQTSTMU13 8 IQTTSTRU13 11 IOSTAF(1) 14 DCC (1)	17 TCALC (1)
<b>3 +</b>		650 LWINST (13) 679 TATOTCG(3) 789 LUPSLK (270) 1085 WIN) (2) 1185 WIN) (2) 1465 TOOPER (1) 1480 TSENOP (1) 1 TERROP (1) 7 TOLFORE (1) 7 TOLFORE (1) 10 TONDWAY (1)	16 SPC4LC (1) 19 IRTTR (1)
ARGS DIF LING REFERENCES 2 INTRIN 25	06F LINE PEFFOENCES 35 27 47 55 62 42	<b>©</b>	15 ISKIP' (1) 18 IDATTR (1)
INLINE FUNC, LONS TYPE AND NO TYPE SHIFT NO TYPE	STATEMENT LABELS 12 10 27 15 27 20	COMMON BLOCKS LENGTH SIMULAT 1493 MODULE 29	

38 468 STATISTICS PROGRAM LENGTH CCMMON LENGTH **-**

	ITAMAY=ITAMAY=1	SJTO	1644
0	CHECK FOR A VERC COUNTRE	SUTO	1645
	THE COUNTER IS NOW ROUAL TO ZERO	OLES	1646
,	IF (ITAMAY NE 0) GO TO 69	SOTO	191
C	Z	SOTO	1649
,	SET THE TORPEDS AWAY BIT IN DATA WORD 1	SOTO	1649
,	CALL SETABLY (ICATWO1.5.1)	SUTU	1650
	10 01 05	SUTO	1651
C	اليا د د اليا	CLCS	1652
Ü	BONITHOU ON BAILINGS THIN WHINDO	SOTO	1663
	EDZE LYCC 09	ناترد	1654
C		SOTO	1655
	0 0 0 0 0 0	SUTO	1656
J	נב	SUTO	1657
	ZERO DUI THE TORPEDO AWAY BIT IN TATA WORD ONE	SUTO	1658
	79 CALL SETABLI (IDATAD1.5.0)	SOTO	1650
		SUTO	1660
U	T I I	SOTO	1661
	No DE LIA	CLCS	1662
	CZ	8310	1663

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SYNBOLEO REFERENCE HAP

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REFERENCES 74	REL	ARRAY	RAY		ARRAY	ARRAY	ARRAY		AFRAY	AFRAY						AFRAY		AFRAY						ARRAY								ARRAY	ARRAY	PKKAY	ARRA				ARRAY	AFRAY	1	APGS	M	TAT I TAT	1,1	44	24
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T du																			
CDC 660° TN V3.0-P380 PPT=						650 LWIN9 1 (13)	679 INTOTOG (3)	789 LUFBLK (270)	1085 WIND (2)	1138 BUCYPW (320)	1465 ITOPOS (1)	1480 IMFUL2 (17)	1 IFRSOR (1)	4 IDATWD1 (1)	7 TOLDOW2(1)	10 ICCOW (1)	13 ITAWAY (1)	16 SBCALC (1)	19 IRITP (1)
		P :																	
	PEFFRENCES	200	5.5	5.8	MEMBERS - BIAS NAME (LENGTH)	Q IRTBUFF (650)	676 IXFREGRESS	TOAPTPP (103)	HELC (24)	BUOYIC (50)	TORREC (6)	1467 IBFUL1 (13)	13 (1)	IDLURT (1)	TOLCOM1 (1)	ICLCR SW(1)	ISAWAY (1)	ISKIP (1)	IDATTR (1)
	DEF LINE	99	71	72	MEMBERS - B	0	676	686	1061	1088	1459	1467	C	2	e	σ	12	15	60 +1
SUB TINE UDCH	S				LENGTH	1691							20						
Sue 11	STATEMENT LAPELS	200	73	80	PLOCKS	SIMULAT							MODULE						
	STATEME	67	56	3.0	COMMON					-									

663 NEGUTOT (13) 682 IATOM (4) 1059 IDAM (7) 1087 IIMT (1) 1458 ISTLBY (1) 1466 NTORPS (1)

Z IPTSTWD (1) 5 IDATWD2 (1) 8 IPITSWD (1) 11 IGSTATE (1) 14 DC (1) 17 TCALC (1)

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STATISTICS PROGRAM LENGTH COMMON LENGTH

INPUT/OUTPUT EXECUTIVE AND DATA COLLECTION MODULE

N. P.

(IOEXEC)

PROGRAM	IOXDRV	0099 303	6600 FIN V3.0-P380 OPT=1	78/06/14. 13.53.30.
	PROGRAM IOXDRV (OUTPUT)			000420
	INTEGER RTADD (12) . SAM(7) . DWC (32) . TR (2)	+DWC(32)+TR(2)		09000
	COMMON /DCCOM/JABUFF (64.8+2)+INBWD(2)+INB*10UTB*NBSIZ*NBUFFWD*	JABUFF (64.8.2) • INBWD (2) • INB • IOL	JTB.NESIZ.NEUFFWD.	000320
u	TIN TIN TIN TO TOWN OF THE TOW	/10xComm/1P.NPT(28).TRIBUEF(64.12).TAYKBUE(2048)	KRUE (2048)	000000
		LWOIOX INPTRI(12) + LWINPP, IRT, IRTMM18(5)2+2)	IRTMM18(5)2.2).	000330
		(2)		000350
	COMMON /10XCMDW/ INTADD.ITR.ISAM.IDWC	ITR. ISAM . IDWC		000370
	DIMENSION ICAMO(7) . IDMCMDS (33)	105 (33)		000380
10	COMMON /BOTLAG/ 18FULI(13) 18FULZ(13)	3) • 13r ULZ (13)	/ 0 × 2 · oc · · · · · · · · · · · ·	000000
	DATA IPHUFMX/37778/* IRIBFMX/778/	BFMX/778/	10:B16741 61	00000
		NRIADD /1.4.11.19.14.7.25.13.8.16.28.2/		000450
		NRI/1:12:0:2:0:0:6:9:0:0:3:0:8:5:0:10:0:0:4:5*0:7:0:0:11/	0.4.5*0.7.0.0.11/	000430
15				000480
		020000000000000000000000	040000000000000000000000000000000000000	8.000490
	* 07600000000000000000000000000000000000	100000000000000000000000000000000000000	130000000000000000000000000000000000000	000000
		310000000000000000000000000000000000000	340000000000000000000000000000000000000	01.000.00
20		040000000000000000000000000000000000000	100000000000000000000000000000000000000	8.000530
	* 14000000000000000000000000000000000000	200000000000000000	21000000000000B+000540	B.000540
	* 3000000000000000000000000000000000000			000550
	DATA DW	100000000000001	2000000000000B+000560	B.000560
	* 3000000000000000000000000000000000000	400000000000000	20000000000000	B.000570
52	* * * * * * * * * * * * * * * * * * * *	700000000000000000000000000000000000000	100000000000000000000000000000000000000	8.000580
	110000000000000000000000000000000000000	• 8000000000000000000000000000000000000	130000000000000000000000000000000000000	06000
	120000000000000000000000000000000000000	• 9000000000000000000000000000000000000	0.0000 • 8000000000000000000000000000000	B + 000000
	**************************************	230000000000000	24000000000000000000000000000000000000	B. 000620
30	* 25000000000000000000000000000000000000	260000000000000000000000000000000000000	020001200000000000000000000000000000000	B. 000630
2	300000000000000000000000000000000000000	310000000000000000000000000000000000000	3200000000000008 • 400640	B • U 0 0 6 4 0
	330000000000008*	***************************************	350000000000000035	8.00050
	360000000000000000000000000000000000000		099007800000000000000	8/00060
	DATA TR/OB: 4000000000000000000000000000000000000	000008/		000000
35				000680
	PRINT 10000			069000
	VARIOUS MODE	DISCRETES		000700
	LW010X=1			000710
4				02,000
2	F(I)=RTADU(I)	.0R. DWC(I)		000140
	PRINT 10001. (IAYKBU	, I=1,10)		000750
	CALL IOEXEC			091000
57	PRINT 10002* (0*(IRIBUFF(I*U)*IH1*3)*UH1*10) PRINT 10003* LEINDD*! WOIOX*(I*INDIRICI)*IH1*11	(1,0),1=1,3),J=1,12)	101	000700
	C DO A WRAP AROUND WITH MODE DISCRETE	DE DISCRETE DATA		062000
	LWOIOX=1			000000
	CAINDP#S			000810
20	PRINT 10002, (J, (IRIBUF)	(J, (IRIBUFF (I, J), I=1,3), J=1,12)		000830
	STOP			000840
		0,00,4,00,000,000,000,000,000,000,000,0	117,000,000	000850
	10001 FORMAI(***AIN INTOL BUFFER (DAIA FACKED)*/2(5)3X020)/) 10002 FORMAI(**RI BUFFERS (DAIA UNPACKED)*/12(13+3(3X020)/))	A UNPACKED) */12(13+3	(3x020)/))	000870
55		Lwolox = *IS/		000880

IOXURV PROGRAM 12(\* INPIRT(\*12\*) = \*15/))

END

CDC 6600 FIN V3.0-P380 OPT=1 78/06/14, 13.53.30.

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13.53.30.			0 0	3.7											11			20	39	38							
78/06/14. 13.53.30.			23 2*45 2e	==						1.1					DEFINED			<b>5</b>	=				15		99		
380 OPT=1			DEFINED	DEFINED				35	35	DEFINED		=			20			DEF INED	DEFINED	DEFINED		14	DEFINED	346	45		
CDC 6600 FTN V3.0-P380 OPT=1			4 4 4	45				DEFINED	DEFINED	42		DEF INED			777			2*50	45	45		DEFINED	41	DEFINED	4,		
CDC 6600			3,41	,	22	יז מיז ת	າໝາ	D 17	(m)	n w	m	12	S (	15 8	S	nα	သ	5444	າທາ	w w	n m	in u	0 00 0	N N	45		
			REFS	REFS	REFS	AEFS V	REFS	REPS PFS	REFS	REFS	REFS	DEF INED	REFS	REFS DEFINED	REFS	REFS	REFS	REFIS	REFS	REFS	REFS	REFS	REFS	REFS	36	64	SES
		NCES	WELOCATION	IOXCOMM	BUFLAG	рссом	IOXCMDW	рссом	рссом	DCCOM	рссом	LOXCOMM	IOXCOMM	TOXCMOM	IOXCOMM	TOXCOMM TOXCMDW	IOXCMDW	70000	IOXCOMM	IOXCOMM DCCOM	DCCOM	TOXCOMM			WRITES	REFERENCES	IE REFERENCES 40 36 42
	МАР	REFERENCES	KEL ARRAY	ARRAY	ARRAY	*ONDE		*ONDE	ARRAY	ARRAY					ARRAY	AKKAY		× 400 4				ARRAY	ARRAY	AKKAY		ARGS 0	DEF LINE 41 52 53
IOXDRV	REFERENCE	DEF LINE	TYPE INTEGER INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER		INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	MODE	TYPE	S. FMT
PROGRAM	SYMBOLIC	POINTS IOXDRV	ES SN DWC I	IAYKBUF	18FUL2	IDCBMAX	IDWC	INB	INBWD	INPTRI	TOUTE	IPBUFMX *	IRT	IRTADD *	IRTBUFF	I SAM IB	ITR	J. Salari	LWINPP	NASIOX .	NBUFFWD	NRT	RTADD	TR	NAMES OUTPUT	ALS 10EXEC	STATEMENT LABELS 0 10 2127 10000 F1 2131 10001 F1
		ENTRY P	VARIABLES 2202 DWC 2155 I	1435	15	2006	5000	2002	2000	2010	2003	2125	5453	2126	35	2424	-	2156	5452	2632	2002	1454	2157	2545	FILE NA	EXTERNALS 10	STATEME 0 2127 2131

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		1026 ING (1) 1029 NBUFFWD(1)		2860	2 ISAH (1)		
		INBWD (2)		33	E	13 IBFUL2 (13)	
		4 INB 8 NES	I IDC	2859 IRT	1 ITR	3 IBF	
	REFS REFS	1024	103	285		-	
REFERENCES 45	PROPERTIES INSTACK EXT EXT EXT	(E (LENGTH) (1024) (1)	(0)	(1)	(20)	(13)	
	LENGTH 28 108 78 108	RS - BIAS NAME (LENGT 0 JABUFF (1024) 1027 10UTB (1)	I DCBMAX I P	2858 LWINPP (1)	IRTADD	IBF UL1	
DEF LINE 55	FROM-TO 40 41 44 45 50	MEMBERS - BIAS NAME (LENGTH) 0 JABUFF (1024) 1027 IOUTH (1)	1030	2858	000	10	188
FMT	NOEX 1	LENGTH 1253	3896		4	56	2748 20228
STATEMENT LABELS 2145 10003 FA	LABEL 10	COMMON BLOCKS	ТОХСОММ		IOXCMDW	BUFLAG	ATISTICS PROGRAM LENGTH BUFFER LENGTH
STATEME 2145	L00PS LABEL 2036 10 2052 2072 2111	COMMON					STATISTICS PROGRAM BUFFER

Š	SUBROUTINE CL	CLRRUF	CDC 6600 FIN V3.0-P380 OPT=1 78/06/14, 13.53.30.	78/06/14.	13.53.30.
		SUBROUTINE CLRBUF COMMON ZDCCOMZJABUFF (64,8	SUBROUTINE CLRBUF COMMON /DCCOM/JABUFF(64.8.2).INBWD(2).INB.IOUTB.NBSIZ.NBUFFWD. IUCBMAx.IUCERR.IOAUTPP(221)	000910	
S		COMMON /IOXCOMM/IP.NRI(28)  LWOIOX.INP  NRIADD(12)	COMMON /IOXCOMM/IP.NRT(28).IRTBUFF(64.12).IAYKBUF(2048). LWOIOX.INPTRT(12).LWINPP.IRT.IRTHMIB(512.2). NRTADD(12)	000340 000350 000360	
		COMMON ZIOXCMDWZ IRTADD-ITR-ISAM-IDWC DIMENSION ICMWD(7) IDWCWDS(33) COMMON ZBUFLAGZ IBFULI(13) - IEFUL2(13)	TR.ISAM.IDWC S(33) ).IEFUL2(13)	000370 000380 000390	
01		DATA IP-INPTRI-LWOIOX-LWINPP-IRTB DATA IPBUFMX/37778/* IRTBFMX/778/	DATA IP.INPTRI.LW010X.LWINPP.IRIBUFF.IAYKBUF/15*1.2816*0/ DATA IPBUFMX/37778/. IRIBFMX/778/	000400	
	S	DATA NRTADD /1,44,11,19,14,7,25,13 DATA NRT/1,12,6,2,0,0,6,9,0,0,0,3,6 DO UNTIL RI INPUT BUFFERS EMPTIED	DATA NRTADD /1,44,11,19,14,7,25,13,8,16,28,2/ DATA NRT/1,12,6,2,0,0,6,9,0,0,0,3,6,8,5,0,10,6,0,4,5*0,7,0,0,11/ DO UNTIL RT INPUT BUFFERS EMPTIED	000430	
15		DO 100 J=1+12 DO 100 I=1+IRTBFMX IRTBUFF(I+J)=0		000940	
20	υυ	100 CONTINUE END-DO DO UNTIL AYK INPUT	BUFFER EMPTIED	0000000	
52	J	200 CONTINUE C END-DO RETURN END		001020 001020 001020 001040	

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SYMBOLIC REFERENCE MAP

		15 61	1														:	11															1029 NBUFFWD(1)		
		DEF INED	:								10		10	==			Ξ:	10			15		0 0	2		13	12							- <del>-</del>	
		22	200								DEFINED		DEFINED	DEFINED			DEFINED	DEF INED			DEFINED		DEFINED	מרו זורם		DEFINED	DEFINED				o <u>c</u>	INBWD	1028 NBSIZ (1)		
		1	0	6	<b>&amp;</b>	N C	7 1	- 60	8	N	4	N 0	1 4	12	4	7	16	4 4	* ~	. ~	17	Α.	4 4	٠ ٨	10	4	4			S	NOT INNER	)1	32	. 22	í
		DEFE	REFS	REFS	REFS	S C	2 1 1 2	S. F. S.	REFS	REFS	REFS	KE IN	REFS	REFS	REFS	REFS	KEFS	KET S	אר היות היות מ	REFS	REFS	REFS	NET S	RFFS	REFS	REFS	REFS	NCES	16	PROPERTIES	INSTACK	E(LENGTH)	ŝŝ	(1)	
NCES	RELOCATION	TOYCOMM	BUFLAG	BUFLAG		DCCOM	TOX CMOM	10000	рссом	ОССОМ	IOXCOMM	DCCOM	IOXCOMM		IOXCOMM	IOXCMDW		TOXCOMM	TOXOMB	IOXCMDW		DCCOM	TOXCOMM	DCCOM	DCCOM	IOXCOMM	IOXCOMM	E REFERENCES	15	LENGTH	78 28 28	SIAS NAM	IOUTB	IP IAYKBUF LWINPP	
REFERENCES 25	REL	YADDA	AKRAY	ARRAY	*UNDEF			SUNDEF		ARRAY	ARRAY	ARRAY					2	AKKAY	ARRA			ARRAY				ARRAY	ARRAY	DEF LINE	18 23	FROM-TO	15 18 16 18 21 23	MEMBERS -	1027	797	}
DEF LINE		INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER	INTEGER			INDEX	7 H H	LENGTH 1253		3896	
POINTS	LES SN	TAVENTE	IBFUI 1	18FUL2	ICMMD	IDCBMAX	TOWE	I DECEDO	INB	INGWD	INPTRT	IOADTPP	IP	IPBUFMX	IRI	IRTADD	IRTBEMX	IRTBUFF	N W W W	ITR	7	JABUFF	LWINDE	NBSIZ	NBUFFWD	LX.	NRTADD	STATEMENT LABELS	200	LABEL	100 200 200	BLOCKS		ТОХСОММ	
ENTRY	VARIABLES	17.36	0	15	25	2006	2002	) E	2002	2000	5436	2010		16	5453	0	7.	35	2404	, -	20	0 (	2646	2004	2002	-	1454	STATEM	•	LOOPS	204	СОММОЛ			

CDC 6600 , IN V3.0-P380 0PT=1		1 ITR (1)	13 IBFUL2 (13)	
	6TH)	3884 NRTADD (12) 0 IRTADD (1)	3 IDWC (1) 0 IBFUL1 (13)	58 5179
CLKBUF	ENGTH	4	56	728 120738
SUBPL : INE CLRBUF	COMMON BLOCKS LENGTH	IOXCMDW	BUFLAG	STATISTICS PROGRAM LENGTH 728 COMMON LENGTH 12073B

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78/06/14. 1:3.53.30.

Z ISAM (1)

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	SUBA INE TOEXEC	CDC 666, 71N V3.0-P380 OPT=1 78/	78/06/14. 13.53.30.
	110 CONTINUE		01320
	v	ODE THE COMMAND WORD	001330
		YKBUF (IP) .9) .AND. 378	01340
			001350
00		TRESHIT (TAYKEOT (TT) *10) AND: 18	001360
			075100
		970 •078•	300
	,		001400
65	v		001410
	S	TO BYPASS THIS DATA	001420
	112	30	001430
		TOTAL	001440
70		ONTINUE PROCESSING	001460
•			001470
	v		001480
	v		001490
76		If (SHIFT(DCSVFLG.60-IRTADD).AND.18 - 1)1470.1420.1470 00	001500
C	, 0	O UNTIL ALL DATA STORED IN DATA COLLECTION BUFFER	001520
	1420		01530
		CMWD (ISAMP1) + IDWCWDS (IDWC+1) + IP-1	001540
		I=IP+IMDCNI	01550
80	v	IF DATA COLLECTION INDEX (ESS THAN MAK BUTTER SIZE UN	001550
			001580
	ຸນ	NCREMENT INDEX AND STORE DATA IN D.C. BUFFER	001590
	1430		001600
85			001610
		WD(INB).1.INB)=IAYKBUF(I)	001620
		0 TO 1450	001630
	ပ		001040
2	37.0	KKOK FLAG	001650
200		100001 140E	080100
		02	001680
	1450	INUE	001690
1	v	<b>1-1</b>	001100
95	1460	NUE	01/10
	ى د	ELSE OU	001720
	v	ATA NOT COLLECTED FOR THIS RT	001740
	1470	INUE	001750
100		ENDIF	001760
	υO	CASE OF SUBADDRESS/MODE (ISAM)	001780
	o		001790
105			001800
	122	IF (ISAM-2) 124,145,124	001820
	124		001830
		17 (15AM-5) 170•160•170	001840
110		*ISAM .EQ. 0	001860

10EXEC

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SUBROUTINE	TINE IDEXEC	CDC 6500 FIN V3.0-P380 OPT=1	78/06/14. 13.53.30
	1150	CONTINUE	002420
	v (	ENDO	002430
	ى د	THE STATE OF LEGITIES AT	0004400
170	0911	מברכנובם ומי יייד	002460
	CENDIF		002470
	J		002480
	U	TAKE NO DATACOL ACTION	005480
	1490	CONTINUE	002200
S	٠		002520
		IDWC1=IDWC+1	002530
			002540
	v	DO WHILE DATA IS TO BE UNPACKED	002550
180		D0144 I=1.1DWC1	002200
	•	DO WHILE A WORD IS UNPACKED	002580
		1=1.2	005200
		K=SHIFT(K+8).0R.(IN.AND.377B)	005200
185		[+]=	002610
		14(-1-2)14<-141	020200
	141	0=0	002630
		INTERNATIONAL TROPAX	002640
100	142	CONTINUE	002660
041	141	DON'T NOO	002920
		END-DO	002680
	,	INPIRI (IRI)=1+(INPIRI (IRI), A, IRIBENX)	002690
		IRTBUFF (INPTRT (IRT) . IRT) = K	002700
195	144	CONTINUE	002710
	v	END-00	002720
		IF (J.EO.4) IP=1+(IP.A.IPBUFMX)	002730
	v		002740
	v	2	002750
200		INCREMENT *IP* FOR A STRAGGLING STATUS WORD	002760
	145	CONTINUE	002770
	•	This + CIT + AND • ITBUT AX	002700
	ى د	#10 by FD. 3	002800
205		NSWIT	002810
	· u		002820
		TRANSMIT LAST COMMAND	002830
	150	CONTINUE	002840
016	o c	THESE COMMANDS NOT PROCESSED BY THE	002850
017		PECET DISTRICT BURGERD FILL CETATUS ONLY) FLAG	002870
		בחר ופושומפ מורוו	002880
		60 10 200	002890
	v		005300
515	o c	CONTROL COMMAND DATA TOANGERS	002910
	160	CONTROL COMMAND DATA TANDERS	002930
	J		002940
	v	UNPACK AND INSERT COMMAND WORD INTO RT-S BUFFER	002950
220		[X=[NPTRT(IRT)	095700

13.53.30
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	SUBMOOI INE	IDEXEC	CDC 6600 FIN V3.0-F380 OFIEL	18/00/14.	13.53.
			08)	.0R.002970	
				002980	
	2		INCREMENT LAST-WORD-IN POINTER FOR RI	005300	
			INPIRT (IRT) = 1 + (INPIRT (IRT) - AND - IRTBEMX)	003000	
2	225		IX=INPTRI(IRI)	003010	
	٥		UNPACKZINSERI CONTROL COMMAND DATA WORD INTO RIAS BUFFER003020	ER003020	
			(IAYKBUF (IP)	. 003030	
			(SHIFT (IAYKBUF (IP), 48). AND. 377B)		
	O		INCREMENT THE AYK OUTPUT BUFFER POINTER	003020	
2	230 C		AROUND STRAGGLING STATUS WORD	093060	
			[D=ID+] AND [DBIEMX	003070	
			CO IO SOO	003080	
	2			003080	
			*15AM .FO. 6	003100	
'n	235		MILITIMESSAGE TRANSFER	003110	
•		170		003120	
		•		021500	
				003160	
-			10#C1=10#C+1	003150	
70			DO MATTE DATA IS TO BE UNDACKED	003150	
ŭ	0*3			003100	
			00 1/8 (=1,10¥C)	003170	
			-	003180	
	v		WHILE	003190	
			00 176 JI=1•2	003500	
Š	245		K=SHIFT (K+8).0R. (IN.AND.3778)	003210	
			I+C=C	003520	
			IF (J-5)174,172,172	003530	
		172	0 = 0	003240	
			IP=1+(IP.A.IPBUFMX)	003250	
2	250		IN=IAYKBUF (IP)	003260	
		174	LINE INCO	003500	
		176	CONTINUE	003280	
	•		FND-DO	002500	
	,		Consider a statistical statist	003530	
35	255		TOTOLICE (TADIOT (101) - 101) - 101	000000	
9	22	170	ALL MAN TO THE TANK T	01000	
-		0,1	FND-DO	025300	
	,		1F(J.F0.4) 1P=1+(1P.A.1PBHFMX)	003340	
		200 CON	CONTINUE	003350	
20	260 C	END	ENDCASE	003360	
		INC	INCREMENT THE AYK OUTBUFFER(IAYKBUF) POINTER	003370	
		=d1	IP=1+(IP.AND.IPBUFMX)	003380	
		1087		065500	
8	265	2000 CONTINUE		003410	
	•			003450	
				003430	
		END		003440	

SUBROUTINE TOEXEC SYMBOLIC REFERENCE MAP POINTS DEF LINE REFERENCES	IDEXEC EFERENCE MAP DEF LINE	A A	ENCES			CDC 660 u	CDC 660u rTN V3.0-P380 0PT=1	P380 0PT=1	78/06/14.	78/06/14, 13.53.30.	PAGE	9
SN TYPE RELOCATION REAL INTEGER	33 267 TYPE RELOCATION REAL INTEGER	261 RELOCATION	Z <sub>O</sub>	REFS		74	143	DEFINED 158	47 DEFINED	79	119	150
180 IAYKBUF INTEGER ARRAY IOXCOMM REFS	ARRAY 10xCOMM	ТОХСОММ	MMO	180 REFS 178		241 36 189	58 2*221	2*227	61 239	62 250	9	2*120
INTEGER ARRAY BUFLAG INTEGER ARRAY BUFLAG INTEGER ARRAY	ARRAY BUFLAG ARRAY BUFLAG ARRAY	BUFLAG BUFLAG		DEFINED REFS REFS REFS		7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	DEFINED 78	129 DEFINED	212			
ОССОМ ОССОМ IОХСМОШ	ОССОМ ОССОМ IОХСМОШ			REFS REFS REFS		3 4 6 8 8 8	81 DEFINED 78	153 91 3*116	DEFINED 163 177	46 23 <b>8</b>		
MCWDS INTEGER ARRAY	ARRAY			OEFINED REFS REFS		62 40 180	76 241	DEFINED DEFINED	771	238		
IF INTEGER IN INTEGER IN INTEGER INB INTEGER INBWO INTEGER ARRAY DCCOM REFS	DCCOM ARRAY DCCOM	DCCOM		REFS REFS REFS		150 34 34 34	DEFINED 245 81 81	148 DEFINED 2*85 85	178 2*86 86	189 153 153	239 2*157 157	250 2*158 158
DEFINED INPTRI INTEGER ARRAY IOXCOMM REFS 225	ARRAY IOXCOMM	ТОХСОММ		DEFINED REFS 225		85 36 254	157 119 255	123 DEFINED	193	194	220	224
	ARRAY DCCOM REFS DCCOM REFS TOXCOMM BEFS	DCCOM REFS DCCOM REFS TOXCOM REFS	REFS REFS			34 34	148	158	7	69	82	2
231 24120 24120 231	24120 231	2*120	2*120			178	188 249	189	197	202	2*221	2*227
	DEFINED 258 REFS					42 262 188	197	188	231	202	231	262
DEFINED IOXCOMM REFS 2*194	DEFINED IOXCOMM REFS 2*194	DEFINED REFS 2*194	DEFINED REFS 2*194			43 36 212	64	119	120	2*123 225	129	2*193
	2*255 10xcmDW REFS DEFINED REFS ARRAY IOXCOMM REFS	24255 10XCMDW REFS DEFINED REFS 10XCGMM REFS	24255 REFS DEFINED REFS REFS		DEF	DEFINED 39 58 123 36	59 59 193 DEFINED	74	143 254 120	147 DEFINED 194	43	227
INTEGER ARRAY IOXCOMM REFS INTEGER REFS INTEGER IOXCMDW REFS DEFINED	INTEGER ARRAY IOXCOMM REFS INTEGER IOXCMDW REFS INTEGER IOXCMDW REFS	255 IOXCOMM REFS REFS IOXCMDW REFS DEFINED	255 REFS REFS REFS DEFINED			36 2*148 39 61	149 104 68	150	DEFINED 106	147	149	
	INTEGER *UNDER IOXCMDW REFS INTEGER INTEGER REFS INTEGER	KEFS IOXCMDW REFS REFS REFS	REFS REFS REFS			78 39 79 221	138 DEFINED 227	DEFINED 78 0EFINED	952	225		

1		•				ž.																							
PAGE	258	8 .	1	263		143																							
78/06/14. 13.53.30.	247	947	מבי זאכט	67		2*120																							
78/06/14.	246	158	667	DEFINED	45	74																							
380 OPT=1	197	98 6	C#2	51 51 55	DEFINED	. 62																							
6500 FIN V3.0-P380 OPT=1	186	165 DEFINED 244		DEFINED 53	59 0FF INFD	61 245																							
CDC 6500	185	34 183	245	2 2 5 2 5 6 2 6 7	7 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	N																		232					
	REFS	REFS DEFINED	242	REFS	REFE REFE SES SES SES SES SES SES SES SES SES	REFERENCES 58 2*221	CES																	213					
	RELOCATION	рссом	TOYCOM	TOXCOMM	DCCOM DCCOM 10xCOMM	DEF LINE	(L	264	79*2	64	2*104	2*106	107	104	124	105 2*186	186	180	106	108	2*247	247	241	132	143	150	201-1	2*143	2*138
	RELC	ARRAY			ARRAY	ARGS INTRIN	DEF LINE		56		105			128	130			195	201	217		251	727 529		971			. –	141
E 10EXEC	TYPE INTEGER	INTEGER	INTEGER	INTEGER	INTEGER INTEGER INTEGER	TYPE NO TYPE		INACTIVE	INACTIVE		INACTIVE	INACTIVE	INACTIVE			INACTIVE					INACTIVE				INACTIVE	•	INACTIVE		INACT IVE INACT IVE
SUBR INE	LES SN	JABUFF J1	9	LWINPPS	NBSIZ NBUFFWD NRT		STATEMENT LABELS	100	110	114	120	124	126	132	134	140	142	144	145	160	172	174	178	200	1110	1120	1140	1160	1410
	VARIABLES 316 J	322	5453	310	2004 2005 1	INLINE	STATEM	10	••	23	90		0 (	107	Ξ	211	172	•	210	214	0	262	•	300	••	0 571		146	00

•			(1) (221) (221) (128) (12) (1024) (1)	
13,53,30			INB NBUFWD IOADTPP INTBUFF INPINE ISTMMTB	
78/06/14.			1026 1029 1032 29 2846 2846 2860	
COC 6600 FIN V3.0-P380 OPT=1 78/06/14. 13.53.30.			3 G G G G G G G G G G G G G G G G G G G	
TN V3.0-			INBWD NBSIZ IDCERR NRT LWOIOX IRT ITR	
CDC 6690 F		EXITS EXITS NOT INNER	1024 1028 1031 2845 2845 2885 1	
	9.2	PROPERTIES OPT OPT OPT	4E (LENGTH) (1024) (1) (1) (1) (1) (1) (12) (13)	
	REFERENCES 81 2*81 87 79 2*74 138 53	LENGTH 148 128 278 278 278 128	- BIAS NAME (LENGTH) 0 JABUFF (1024) 027 IOUTB (1) 030 IDCBMAX(1) 0 IP (1) 797 IAYKBUF (2048) 358 LWINPP (1) 0 IRTADD (12) 0 IRTADD (12) 0 IRTADD (1) 3 IDWC (1)	
	DEF LINE 84 90 93 95 95 174 265	FROM-TO L 79 95 150 159 180 195 183 191 241 256 244 252	MEMBERS - 8 1027 1030 797 2858 3884 3884	252
IOEXEC	INACTIVE	INDEX FRE	1253 1253 3896 4 4	3748
SUBHUUTINE IDEXEC	STATEMENT LABELS 0 1430 52 1440 53 1450 0 1460 55 1470 146 1490 304 2000	LABEL IN 1460 * I 1120 * I 144 * I 143 * J 178 * I		ATISTICS PROGRAM LENGTH
v	STATEMEN 52 1 52 1 53 1 0 1 55 1 146 1	L00PS L 41 1 133 1 154 1 161 1 244 1	COMMON BLOCKS DCCOM  10XCOM  10XCMD  10XCMD	STATISTICS PROGRAM

COMMON LENGTH 120738 5179